| 4038 | HN HN  |
|------|--|
|      | N-[3-(2-Fluoro-4'-{[(isoxazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                 |
| 4039 | N= OMe OHN PO  |
|      | N-(3-{2-Fluoro-2'-methoxy-4'-[(methyl-pyridin-4-ylmethyl-amino)-methyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide  |
| 4040 | N=<br>N=<br>N=<br>N=<br>N=<br>N=<br>N=<br>N=<br>N=<br>N=<br>N=<br>N=<br>N=<br>N  |
|      | N-[3-(2-Fluoro-2'-methoxy-4'-{[(pyridin-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide       |
| 4041 | N=<br>N=<br>N=<br>N=<br>N=<br>N=<br>N=<br>N=<br>N=<br>N=<br>N=<br>N=<br>N=<br>N  |
|      | N-(3-{2-Fluoro-2'-methoxy-4'-[(methyl-pyridin-4-ylmethyl-amino)-\methyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide |
| 4042 | N HN O   |
|      | N-[3-(2-Fluoro-4'-{[(furan-3-ylmethyl)-amino]-methyl}-2'-methoxy-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide         |

| 4043 | P N HN PO   |
|------|---|
| •    | N-(3-{2-Fluoro-4'-[(furan-3-ylmethyl-methyl-amino)-methyl]-2'-methoxy-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide |
| 4044 | N=<br>N=<br>N=<br>N-<br>N-<br>N-<br>N-<br>N-<br>N-<br>N-<br>N-<br>N-<br>N-<br>N-<br>N-<br>N-                                    |
|      | N-(3-{2-Fluoro-4'-[(methyl-pyridin-4-ylmethyl-amino)-methyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide          |
| 4045 | N-N-N-O<br>F HN-O   |
|      | N-(3-{2-Fluoro-4'-[(methyl-pyridin-2-ylmethyl-amino)-methyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide          |
| 4046 |   |
|      | N-[3-(4'-{[(3,5-Dichloro-benzyl)-methyl-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide       |
| 4047 | N - N - O HN FO   |

|      | N-(3-{2-Fluoro-4'-[(methyl-pyridin-3-ylmethyl-amino)-methyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide                   |
|------|--|
| 4048 | HN HN  |
|      | N-[3-(2-Fluoro-4'-{[(1H-pyrrol-2-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                      |
| 4049 | HN HN PO   |
|      | N-[3-(2-Fluoro-4'-{[(1-methyl-1H-indol-2-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide              |
| 4050 | H O N O HN O   |
|      | 1H-Indole-6-carboxylic acid {4'-[5-(S)-(acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-methyl-amide           |
| 4051 | N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-   |
|      | 1-Methyl-1H-pyrrole-2-carboxylic acid {4'-[5-(S)-(acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-methyl-amide |
| 4052 | N H N HN HN  |

|      | N-{3-[3-Fluoro-4-(5-{[(pyridin-4-ylmethyl)-amino]-methyl}-pyridin-2-yl)-phenyl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide         |
|------|--|
| 4053 | HN HN  |
|      | N-{3-[3-Fluoro-4-(5-{[(furan-3-ylmethyl)-amino]-methyl}-pyridin-2-yl)-phenyl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide           |
| 4054 | N HN HN  |
|      | N-[3-(2-Fluoro-4'-{[(6-methoxy-pyridin-3-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide        |
| 4055 | F HN   |
|      | N-[3-(2-Fluoro-4'-{[(6-methoxy-pyridin-3-ylmethyl)-methyl-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 4056 | FFF. HN HN   |
|      | N-(3-{4'-[(2,5-Bis-trifluoromethyl-benzylamino)-methyl]-2-fluoro-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide         |
| 4057 | HN HN.   |

|      | N-[3-(2-Fluoro-4'-{[(6-methyl-2,4-dioxo-1,2,3,4-tetrahydro-pyrimidin-5-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
|------|---|
| 4058 | OME OME ON HNO  |
|      | N-[3-(2-Fluoro-4'-{[(furan-3-ylmethyl)-amino]-methyl}-2'-methoxy-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                                |
| 4059 | F HN DO HN  |
|      | N-[3-(2-Fluoro-4'-{[(1-methyl-1H-pyrrol-2-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                              |
| 4060 | H HN HN   |
|      | N-[3-(2-Fluoro-4'-{[(isoquinolin-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                                     |
| 4061 | F HN O  |
|      | N-(3-{2-Fluoro-4'-[(furan-3-ylmethyl-methyl-amino)-methyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide                                      |
| 4062 | N HN HN   |
|      | N-(3-{4'-[(4-Dimethylamino-benzylamino)-methyl]-2-fluoro-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide  |

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| 4063 | CI HN HN   |
|      | N-(3-{4'-[(4-Chloro-benzylamino)-methyl]-2-fluoro-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide  |
| 4064 | CI HN HN   |
|      | N-(3-{4'-[(2,4-Dichloro-benzylamino)-methyl]-2-fluoro-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide  |
| 4065 |  |
|      | N-[3-(2-Fluoro-4'-{[(isoquinolin-5-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  |
| 4066 | HN O HN O  |
|      | N-[3-(2-Fluoro-4'-{[(3H-imidazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  |
| 4067 | N NH<br>F HN O   |
|      | N-[3-(2-Fluoro-4'-{[(3H-imidazol-4-ylmethyl)-methyl-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide   |

| 4068 | HN N HN O  |
|------|--|
|      | N-[3-(2-Fluoro-4'-{[(1H-imidazol-4-ylmethyl)-(3H-imidazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 4069 | O'N' O'N' O'N' O'N' O'N' O'N' O'N' O'N'  |
|      | N-[3-(2-Fluoro-4'-{[(5-nitro-furan-2-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                        |
| 4070 | N<br>H<br>F<br>HN  |
|      | N-(3-{4'-[(3-Cyano-benzylamino)-methyl]-2-fluoro-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide                                     |
| 4071 | N= N O O HN O O O O O O O O O O O O O O O  |
|      | N-[3-(2-Fluoro-4'-{[(quinolin-6-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                             |
| 4072 | N HN HN  |
|      | N-[3-(2-Fluoro-4'-{[(6-methyl-pyridin-2-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                     |

| 4073 | HN HN O   |
|------|---|
|      | N-{3-[3-Fluoro-4-(6-{[(pyridin-4-ylmethyl)-amino]-methyl}-pyridin-3-yl)-phenyl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide      |
| 4074 | S N HN O  |
|      | N-[3-(2-Fluoro-4'-{[(thiazol-2-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide               |
| 4075 | HO HIN O  |
|      | N-[3-(2-Fluoro-4'-{[(5-hydroxymethyl-furan-2-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 4076 | N H HN O HN O   |
|      | N-[3-(2-Fluoro-4'-{[(1-methyl-1H-imidazol-2-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  |
| 4077 | F HN  |
|      | N-[3-(4'-{[(Benzo[b]thiophen-3-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide      |

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| 4078        | Br O N   |
|             | N-[3-(4'-{[(5-Bromo-furan-2-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide        |
| 4079        | N=N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N  |
|             | N-(3-{2-Fluoro-4'-[(3-imidazol-1-yl-propylamino)-methyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide             |
| 4080        | N HN F HN  |
|             | N-{3-[2-Fluoro-4'-(N-pyridin-4-ylmethyl-carbamimidoyl)-biphenyl-4-yl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide               |
| 4081        | F HN   |
|             | N-[3-(2-Fluoro-4'-{[(5-methyl-furan-2-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide       |
| 4082        | N H N F HN   |
|             | N-[3-(2-Fluoro-4'-{[(5-methyl-3H-imidazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |

| 4083 | HN HN HN PO  |
|------|--|
|      | N-[3-(2-Fluoro-4'-{[(1H-indol-3-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide           |
| 4084 | S H HN   |
|      | N-[3-(2-Fluoro-4'-{[(5-phenyl-thiophen-2-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  |
| 4085 | TO HIN O   |
|      | N-[3-(4'-{[(4,5-Dimethyl-furan-2-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 4086 | S HN F HN  |
|      | N-[3-(2-Fluoro-4'-{[(thiophen-3-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide           |
| 4087 | TN HN O  |
|      | N-(3-{2-Fluoro-4'-[(2-pyridin-2-yl-ethylamino)-methyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide             |

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| 4088 | F HN O   |
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|      | N-[2-Oxo-3-(2,2',3'-trifluoro-4'-{[(furan-2-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-oxazolidin-5-(S)-ylmethyl]-acetamide   |
| 4089 | H F F O O HN O   |
|      | N-[2-Oxo-3-(2,2',3'-trifluoro-4'-{[(pyridin-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 4090 | N F F O O O O O O O O O O O O O O O O O  |
|      | N-[2-Oxo-3-(2,2',3'-trifluoro-4'-{[(pyridin-2-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 4091 | N H N F HN PO  |
|      | N-[3-(2-Fluoro-4'-{[(1H-imidazol-2-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide      |
| 4092 | N H HN F   |
|      | N-[3-(4'-{[(1H-Benzoimidazol-2-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |

| 4093 | H <sub>2</sub> N S HN F HN FO   |
|------|---|
|      | N-(3-{2-Fluoro-4'-[(4-sulfamoyl-benzylamino)-methyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide  |
| 4094 | $\begin{array}{c c} & & & & \\ & & \\ & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$ |
|      | N-[3-(2-Fluoro-4'-{[2-(4-sulfamoyl-phenyl)-ethylamino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  |
| 4095 | HO F HN O   |
|      | N-[3-(2-Fluoro-4'-{[(3-hydroxy-5-hydroxymethyl-2-methyl-pyridin-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  |
| 4096 | N S F HN O  |
|      | N-[3-(2-Fluoro-4'-{[2-(4-methyl-thiazol-5-yl)-ethylamino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide   |
| 4097 | HN HN FO  |
|      | N-{3-[2-Fluoro-4'-(N-pyridin-2-ylmethyl-carbamimidoyl)-biphenyl-4-yl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide  |

| 4098 | H HN O   |
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|      | N-[3-(2-Fluoro-4'-{[(5-methoxy-1H-indol-3-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                     |
| 4099 | S H HN O   |
|      | N-[3-(2-Fluoro-4'-{[(3-methyl-thiophen-2-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                      |
| 4100 | N HN HN  |
|      | N-[3-(4'-{[(1-Benzenesulfonyl-1H-pyrrol-2-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide            |
| 4101 | HN HN HN   |
|      | N-[3-(4'-{[(2,4-Dioxo-1,2,3,4-tetrahydro-pyrimidin-5-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 4102 | N HN HN  |
|      | 4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-carboxylic acid (pyridin-4-ylmethyl)-amide                            |

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| 4103        | HN HN  |
|             | N-[3-(4'-{[(2,5-Dimethyl-furan-3-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide               |
| 4104        | P HN O   |
|             | N-[3-(2-Fluoro-4'-{[(5-methyl-3-phenyl-isoxazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide       |
| 4105        | FF HN PO   |
|             | N-[3-(2-Fluoro-4'-{[(5-methyl-2-trifluoromethyl-furan-3-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 4106        | H OH   |
|             | N-{4'-[5-(R)-(Acetylamino-methyl)-4,5-dihydro-isoxazol-3-yl]-biphenyl-4-ylmethyl}-phthalamic acid  |
| 4107        | N OH OH  |
|             | N-(4-{5-[5-(R)-(Acetylamino-methyl)-4,5-(S)-dihydro-isoxazol-3-yl]-pyridin-2-yl}-benzyl)-phthalamic acid                                   |
| 4108        | S H S HN S   |
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|      | N-[3-(4'-{[(2,4-Dimethyl-thiazol-5-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide     |
|------|--|
| 4109 | HN HN PO   |
|      | N-[3-(4'-{[(3,5-Dimethyl-isoxazol-4-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide    |
| 4110 | HN HN -0   |
|      | 4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-carboxylic acid (pyridin-2-ylmethyl)-amide              |
| 4111 | HN HN  |
|      | 4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-carboxylic acid (furan-2-ylmethyl)-amide                |
| 4112 | HN FO  |
|      | 4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-carboxylic acid [2-(4-methyl-thiazol-5-yl)-ethyl]-amide |
| 4113 | S N H O O O HN O   |
|      | N-[3-(2-Fluoro-4'-{[(2-thiophen-2-yl-thiazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  |

| 4114   | HN PO   |
|--------|---|
|        | N-[3-(2-Fluoro-4'-{[2-(2-oxo-imidazolidin-1-yl)-ethylamino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide   |
| 4115   | N HN HN HN  |
|        | 4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-<br>biphenyl-4-carboxylic acid (2-pyridin-2-yl-ethyl)-amide   |
| 4116   | N HN PO   |
|        | 4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-carboxylic acid [2-(3H-imidazol-4-yl)-ethyl]-amide   |
| 4117 . | N F HN  |
|        | N-[3-(2-Fluoro-4'-{[(2-morpholin-4-yl-pyridin-3-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  |
| 4118   | $\begin{array}{c c} & & & & \\ & & \\ & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$ |
|        | N-[3-(2-Fluoro-4'-{[(6-morpholin-4-yl-pyridin-3-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  |
| 4119   | F HN O HN O   |

|      | N-[3-(2-Fluoro-4'-{[(5-pyridin-2-yl-thiophen-2-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                      |
|------|--|
| 4120 | D HN O   |
|      | 5-[({4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amino)-methyl]-2-methyl-furan-3-carboxylic acid methyl ester |
| 4121 | S H O O O HN O O   |
|      | N-[3-(4'-{[(Benzothiazol-2-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                                 |
| 4122 | S N F HN O HN O  |
|      | N-[3-(2-Fluoro-4'-{[(2-phenyl-thiazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                             |
| 4123 | H<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N   |
|      | N-[3-(2-Fluoro-4'-{[(2-phenyl-1H-imidazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                         |
| 4124 | H HN O   |

|      | N-[3-(4'-{[(2-Ethyl-3H-imidazol-4-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                            |
|------|--|
| 4125 | CI HN O  |
|      | N-[3-(4'-{[(5-Chloro-1-methyl-3-trifluoromethyl-1H-pyrazol-4-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 4126 | NN CI<br>H<br>F<br>HN O  |
|      | N-[3-(4'-{[(5-Chloro-1,3-dimethyl-1H-pyrazol-4-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide               |
| 4127 | N.H. HN O  |
|      | N-[3-(2-Fluoro-4'-{[(3-thiophen-2-yl-1H-pyrazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                     |
| 4128 | S N HN O   |

|      | N-[3-(4'-{[(5-Cyano-6-methylsulfanyl-pyridin-2-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
|------|--|
| 4129 | O NH <sub>2</sub> F HN O   |
|      | N-[3-(4'-{[(2-Amino-4-oxo-4H-chromen-3-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide         |
| 4130 | HN F HN  |
|      | N-[3-(2-Fluoro-4'-{[(2-methyl-5-phenyl-furan-3-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide          |
| 4131 | F HN   |
|      | N-[3-(4'-{[(3,4-Dihydro-2H-pyran-2-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide             |
| 4132 | H NO H   |
|      | N-[3-(4'-{[(Pyridin-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-4,5-dihydro-isoxazol-5-(R)-ylmethyl]-acetamide                               |
| 4133 | N N N N N N N N N N N N N N N N N N N  |
|      | N-{3-[6-(4-{[(Pyridin-4-ylmethyl)-amino]-methyl}-phenyl)-pyridin-3-yl]-4,5-dihydro-isoxazol-5-(R)-ylmethyl}-acetamide                      |

| 4134 |  |
|------|--|
|      | N-{2-Oxo-3-[6-(4-{[(pyridin-4-ylmethyl)-amino]-methyl}-phenyl)-pyridin-3-yl]-oxazolidin-5-(S)-ylmethyl}-acetamide                                  |
| 4135 | N NH <sub>2</sub> N P N O  |
|      | N-[3-(4'-{[(4-Amino-pyridin-3-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                          |
| 4136 |  |
|      | N-[3-(4'-{[2-(1,3-Dioxo-1,3-dihydro-isoindol-2-yl)-ethanesulfonylamino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 4137 | S<br>N<br>F<br>HN<br>O   |
|      | N-[3-(2-Fluoro-4'-{[(thiophen-2-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                                 |
| 4138 | N N N N N N N N N N N N N N N N N N N  |
|      | N-[3-(2-Fluoro-4'-{[(quinolin-7-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                                 |

| 4139 | N-N-N-O-N-O-N-N-O-N-N-O-N-N-N-O-N-N-N-N  |
|------|--|
|      | N-[3-(4'-{[(4-Chloro-1-methyl-1H-pyrazol-3-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 4140 | NO NO HOLD   |
|      | N-[3-(2-Fluoro-4'-{[(3-methyl-[1,2,4]oxadiazol-5-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide    |
| 4141 |  |
|      | N-[3-(2-Fluoro-4'-{[(5-methyl-[1,2,4]oxadiazol-3-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide    |
| 4142 | N HN F HN  |
|      | N-{4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-isonicotinamide                                |
| 4143 | N N N HN F HN >0   |
|      | 4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-carboxylic acid (thiazol-2-ylmethyl)-amide                  |

| N-[3-(2-Fluoro-4'-{1-(R/S)-[(furan-3-ylmethyl)-amino]-ethyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  N-[3-(2-Fluoro-4'-{1-(R/S)-[(thiazol-2-ylmethyl)-amino]-ethyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  N-[3-(2-Fluoro-4'-{[(5-methyl-2-phenyl-2H-[1,2,3]triazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
|---|
| biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  N-[3-(2-Fluoro-4'-{1-(R/S)-[(thiazol-2-ylmethyl)-amino]-ethyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  N-[3-(2-Fluoro-4'-{[(5-methyl-2-phenyl-2H-[1,2,3]triazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  |
| N-[3-(2-Fluoro-4'-{1-(R/S)-[(thiazol-2-ylmethyl)-amino]-ethyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  N-[3-(2-Fluoro-4'-{[(5-methyl-2-phenyl-2H-[1,2,3]triazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide   |
| biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  N-[3-(2-Fluoro-4'-{[(5-methyl-2-phenyl-2H-[1,2,3]triazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  |
| N-[3-(2-Fluoro-4'-{[(5-methyl-2-phenyl-2H-[1,2,3]triazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide   |
| amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]- acetamide   |
|   |
| HN_O  |
| N-(3-{2-Fluoro-4'-[(4-pyrrol-1-yl-benzylamino)-methyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide  |
| 4148  N  N  H  H  H  N  H  O  H  O  H  O  H  O  O  O  O  O  O   |
| N-[3-(2-Fluoro-4'-{[3-(5-methyl-1H-pyrazol-4-yl)-propylamino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide   |

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| 4149 | N HN O   |
|------|--|
|      | N-[3-(2-Fluoro-4'-{2-[(pyridin-4-ylmethyl)-amino]-ethyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                   |
| 4150 | - N - N - N - N - N - N - N - N - N - N  |
|      | N-[3-(2-Fluoro-4'-{[2-(R/S)-(1-methyl-pyrrolidin-2-yl)-ethylamino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 4151 | HN O   |
|      | N-[3-(2-Fluoro-4'-{[(2-methoxy-pyridin-3-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide          |
| 4152 | HN O   |
|      | N-[3-(4'-{[(2-Amino-pyridin-3-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide            |
| 4153 | F HN O   |
|      | N-[3-(2-Fluoro-4'-{[(pyrrolidin-3-(R/S)-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide           |

| 4154 | N= N F F HN O  |
|------|--|
|      | N-[3-(2,3'-Difluoro-4'-{[(thiazol-2-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide   |
| 4155 | N-N-N-O  |
|      | N-[3-(2,3'-Difluoro-4'-{[(pyridin-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide   |
| 4156 | NH HN O  |
|      | N-[3-(2-Fluoro-4'-{[3-(2-oxo-pyrrolidin-1-yl)-propylamino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide   |
| 4157 | O HN O   |
|      | 4-[({4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amino)-methyl]-1-cyclopropyl-2,5-dimethyl-1H-pyrrole-3-carboxylic acid ethyl ester |
| 4158 | NH <sub>2</sub> O H F HN O   |

|         |          | N-{3-[2-Fluoro-4'-({[5-(3-sulfamoyl-phenyl)-furan-2-ylmethyl]-amino}-methyl)-biphenyl-4-yl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide |
|---------|----------|--|
|         | 4159     | N N HN O   |
|         |          | N-(3-{2-Fluoro-4'-[(1-pyridin-4-(R/S)-yl-ethylamino)-methyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide                 |
|         | 4160     | N HN O   |
| 3       |          | N-(3-{2-Fluoro-4'-[1-(R/S)-(1-pyridin-4-(R/S)-yl-ethylamino)-ethyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide          |
|         | 4161     | 0 N O HN >=0   |
| Age See |          | N-[3-(4'-{[(5-Ethyl-furan-2-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                |
|         | 4162     | S<br>N<br>H<br>F<br>HN<br>EO   |
|         | <u> </u> | N-[3-(4'-{[(5-Ethyl-thiophen-2-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide             |
|         | 4163     | N N HN HN  |
|         |          | N-[3-(2-Fluoro-4'-{[(1,3,5-trimethyl-1H-pyrazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide   |

| 4164 | SN=N HN HN DO   |
|------|---|
|      | N-[3-(2,3'-Difluoro-4'-{[([1,2,3]thiadiazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide      |
| 4165 | HN N H HN PO  |
|      | N-[3-(2-Fluoro-4'-{[(2-methyl-1H-imidazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide        |
| 4166 | S N N N N N N N N N N N N N N N N N N N   |
|      | N-[3-(2-Fluoro-3'-{[([1,2,3]thiadiazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide           |
| 4167 | -SSN HN O   |
|      | N-[3-(2-Fluoro-4'-{[(5-methylsulfanyl-thiophen-2-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide   |
| 4168 | Br HN O   |
|      | N-[3-(4'-{[(4-Bromo-1-methyl-1H-pyrazol-3-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |

| 4169 | NN HN O  |
|------|--|
|      | N-[3-(4'-{[(4-Bromo-2H-pyrazol-3-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                 |
| 4170 | N-S-O-N-O-N-O-N-O-N-O-N-O-N-O-N-O-N-O-N-   |
|      | N-{3-[4'-(Benzylsulfamoyl-methyl)-2-fluoro-biphenyl-4-yl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide   |
| 4171 | N S HO   |
|      | N-[3-(2-Fluoro-4'-{2-hydroxy-1-[([1,2,3]thiadiazol-4-(R/S)-ylmethyl)-amino]-ethyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 4172 | HO HN HN   |
|      | N-[3-(2-Fluoro-4'-{2-hydroxy-1-[([1,2,3]thiadiazol-4-(R/S)-ylmethyl)-amino]-ethyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 4173 | NH <sub>2</sub> N O O O O O O O O O O O O O O O O O O O  |

|      | 4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-carboxylic acid [1-carbamoyl-2-(S)-(3H-imidazol-4-yl)-ethyl]-amide     |
|------|---|
| 4174 | H <sub>2</sub> N HN O   |
|      | 2-({4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amino)-3-(S)-(1H-imidazol-4-yl)-propionamide             |
| 4175 | H <sub>2</sub> N HN O   |
|      | 2-({4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amino)-3-(S)-(1H-indol-3-yl)-propionamide                |
| 4176 | N HN O  |
|      | N-[3-(2-Fluoro-2',5'-dimethyl-4'-{[(pyridin-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                  |
| 4177 | F N N N N N N N N N N N N N N N N N N N   |
|      | N-(3-{4'-[(2,2-Difluoro-2-pyridin-2-yl-ethylamino)-methyl]-2-fluoro-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide                     |
| 4178 | HN HN P   |
|      | N-[3-(2-Fluoro-4'-{[(5-(S)-oxo-4,5-dihydro-1H-[1,2,4]triazol-3-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |

| 4179 | F N N P N P N P N P N P N P N P N P N P   |
|------|---|
|      | N-[3-(2-Fluoro-4'-{[(3-fluoro-pyridin-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                |
| 4180 | HN S.N H S  |
|      | N-[3-(2-Fluoro-4'-{[(5-methylamino-[1,2,4]thiadiazol-3-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 4181 | Br-N=N-N-O HN O   |
|      | N-[3-(4'-{[(6-Bromo-pyridin-3-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                 |
| 4182 | Br N N HN O   |
| ·    | N-[3-(4'-{[(5-Bromo-pyridin-2-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                 |
| 4183 | O-N<br>HN<br>F HN   |
|      | N-[3-(2-Fluoro-4'-{[(isoxazol-3-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                        |
| 4184 | $H_2N$ $N$ $N$ $N$ $N$ $N$ $N$ $N$ $N$ $N$  |
|      | 2-{4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-yl}-2-(R)-[(pyridin-4-ylmethyl)-amino]-acetamide            |

| 4185        | $\begin{array}{c c} & & & & \\ & & \\ & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$ |
|-------------|---|
|             | 2-{4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-yl}-2-(R)-[(pyridin-2-ylmethyl)-amino]-acetamide  |
| 4186        | HN-NH PNO   |
|             | N-[3-(2-Fluoro-4'-{[(piperidin-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide   |
| 4187        | N - N - N - N - N - N - N - N - N - N -   |
|             | 5-{4-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2-fluoro-phenyl}-pyridine-2-carboxylic acid (pyridin-2-ylmethyl)-amide  |
| 4188        | N N N N N N N N N N N N N N N N N N N   |
|             | 5-{4-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2-fluoro-phenyl}-pyridine-2-carboxylic acid (pyridin-4-ylmethyl)-amide  |
| 4189        | SNON NEW PROPERTY OF THE PROPE  |
|             | 5-{4-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2-fluoro-phenyl}-pyridine-2-carboxylic acid (thiazol-2-ylmethyl)-amide  |
| 4190        | N-V-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N   |
|             | 4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-3,2'-difluoro-<br>biphenyl-4-carboxylic acid (pyridin-2-ylmethyl)-amide   |
| 4191        | H F F   |
| <del></del> |   |

1 4 75 44

|      | 4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-3,2'-difluoro-biphenyl-4-carboxylic acid [2-(3H-imidazol-4-yl)-ethyl]-amide  |
|------|--|
| 4192 | The second secon |
|      | N-{3-[2-Fluoro-4'-(pyridin-2-ylmethoxymethyl)-biphenyl-4-yl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide  |
| 4193 | HN PO  |
|      | N-{4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-3-(1-methyl-6-oxo-1,6-dihydro-pyridin-3-yl)-acrylamide   |
| 4194 | HN FO  |
|      | N-{4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-3-(1-methyl-2-oxo-1,2-dihydro-pyridin-3-yl)-acrylamide   |
| 4195 | N= N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N   |
|      | N-(3-{3-Fluoro-4-[6-(pyridin-2-ylmethoxymethyl)-pyridin-3-yl]-phenyl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide   |
| 4196 |  |
|      | N-{3-[2-Fluoro-4'-(pyridin-4-ylmethoxymethyl)-biphenyl-4-yl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide  |

| F HN O  |
|---|
| N-(3-{3-Fluoro-4-[5-(pyridin-2-ylmethoxymethyl)-pyridin-2-yl]-phenyl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide                    |
| 0-N-N-N-O   |
| N-{3-[2-Fluoro-4'-(1-oxy-pyridin-4-ylmethoxymethyl)-biphenyl-4-yl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide                       |
| HN HN O   |
| N-[3-(2-Fluoro-4'-{1-(R)-hydroxy-2-[(oxazol-4-ylmethyl)-amino]-<br>ethyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| HO  |
| N-[3-(2-Fluoro-4'-{2-hydroxy-1-(S)-[(oxazol-4-ylmethyl)-amino]-ethyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide     |
| HO HIN O  |
| N-[3-(2-Fluoro-4'-{1-(R)-hydroxy-2-[(pyridin-4-ylmethyl)-amino]-ethyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide    |
| HO HIN O  |
|   |

|         |                                       | N-[3-(2-Fluoro-4'-{2-hydroxy-1-(R)-[(pyridin-4-ylmethyl)-amino]-ethyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                |
|---------|---------------------------------------|---|
|         | 4203                                  | HN HN   |
|         |                                       | N-[3-(2-Fluoro-4'-{[(pyrimidin-5-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                             |
|         | 4204                                  | N, N N N N N N N N N N N N N N N N N N  |
|         |                                       | N-(3-{4'-[(Acetyl-[1,2,3]thiadiazol-4-ylmethyl-amino)-methyl]-2-fluoro-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide                |
| . £ . 4 | 4205                                  | N N N N N N N N N N N N N N N N N N N   |
|         |                                       | 4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-<br>biphenyl-4-carboxylic acid (oxazol-4-ylmethyl)-amide                        |
|         | 4206                                  | S-N H<br>N HN O   |
|         | · · · · · · · · · · · · · · · · · · · | N-[3-(2-Fluoro-4'-{[([1,2,4]thiadiazol-3-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                     |
|         | 4207                                  | CI H S  |
|         |                                       | 2-(4-Chloro-benzylamino)-thiazole-4-carboxylic acid {4'-[5-(S)-(acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amide |

| 4208 | O N HIN O   |
|------|---|
|      | N-[3-(2-Fluoro-4'-{[(oxazol-5-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide        |
| 4209 | F HN O  |
|      | N-[3-(4'-{[([1,3]Dioxolan-2-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 4210 | 2 H HN O  |
|      | N-(3-{2-Fluoro-4'-[(oxiranylmethyl-amino)-methyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide             |
| 4211 | S HN PO   |
|      | N-{3-[2-Fluoro-4'-(pyridin-4-ylmethylsulfanylmethyl)-biphenyl-4-yl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide          |
| 4212 | N O O O O O O O O O O O O O O O O O O O   |
|      | N-{3-[2-Fluoro-4'-(pyridin-4-ylmethanesulfinylmethyl)-biphenyl-4-yl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide         |
| 4213 | N H OH  |
|      |   |

|                       | 4214 |   |
|-----------------------|------|---|
|                       |      | N-{3-[2-Fluoro-4'-(pyridin-4-ylmethanesulfonylmethyl)-biphenyl-4-yl]-<br>2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide         |
|                       | 4215 | N HN O  |
|                       |      | N-(3-{2-Fluoro-4'-[(methyl-quinolin-3-ylmethyl-amino)-methyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide     |
|                       | 4216 | F HN O  |
| 5 4 <sub>2</sub> 52 5 |      | N-{3-[2-Fluoro-4'-(pyridin-2-ylmethylsulfanylmethyl)-biphenyl-4-yl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide              |
|                       | 4217 | S, O F HN O   |
|                       |      | N-{3-[2-Fluoro-4'-(pyridin-2-ylmethanesulfinylmethyl)-biphenyl-4-yl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide             |
|                       | 4218 | HN O HN O   |
|                       |      | N-[3-(2-Fluoro-4'-{[(1-methyl-1H-indol-3-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
|                       | -    |   |

| 4219 | F HIN  |
|------|--|
|      | N-[3-(2-Fluoro-4'-{[(tetrahydro-furan-3-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide             |
| 4220 | S N N N N N N N N N N N N N N N N N N N  |
|      | N-[3-(2-Fluoro-4'-{[(tetrahydro-furan-3-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide             |
| 4221 | HO<br>HN<br>F HN<br>O  |
|      | N-[3-(2-Fluoro-4'-{[(thiophen-2-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                     |
| 4222 | HN F HN PO   |
|      | N-{3-[2-Fluoro-4'-(N-furan-2-ylmethyl-carbamimidoyl)-biphenyl-4-yl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide                         |
| 4223 | N N N N N N N N N N N N N N N N N N N  |
|      | 5-{4-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2-fluoro-phenyl}-pyridine-2-carboxylic acid [2-(3H-imidazol-4-yl)-ethyl]-amide |
| 4224 | N N N N N N N N N N N N N N N N N N N  |

|      | 4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-carboxylic acid ([1,2,4]oxadiazol-3-ylmethyl)-amide   |
|------|--|
| 4225 | S.N.O.——————————————————————————————————   |
|      | 4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-carboxylic acid ([1,2,4]thiadiazol-3-ylmethyl)-amide  |
| 4226 | $S \longrightarrow N \longrightarrow $ |
|      | N-[3-(2-Fluoro-4'-oxiranylmethylsulfanylmethyl-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide   |
| 4227 | $\begin{array}{cccccccccccccccccccccccccccccccccccc$   |
|      | N-[3-(2-Fluoro-4'-{[2-(1H-imidazol-4-yl)-ethylamino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide   |
| 4228 | HN F HN O  |
|      | N-[3-(2-Fluoro-4'-{[2-(5-methyl-3H-indol-3-yl)-ethylamino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide   |
| 4229 | P-N-N-O<br>F HN-O  |
|      | N-[3-(2-Fluoro-4'-{[(5-methyl-isoxazol-3-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  |
| 4230 | N N N N N N N N N N N N N N N N N N N  |
|      | 1  |

| <del></del> |  |
|-------------|--|
|             | 3-(2-Fluoro-4'-{[(pyridin-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-5-(R)-[1,2,4]triazol-1-ylmethyl-oxazolidin-2-one                 |
| 4231        |  |
|             | 3-(2-Fluoro-4'-{[(pyridin-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-5-(R)-(1-methyl-1H-tetrazol-5-ylsulfanylmethyl)-oxazolidin-2-one |
| 4232        | $\begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$  |
|             | N-[3-(2-Fluoro-4'-{1-(R/S)-[(pyridin-4-ylmethyl)-amino]-ethyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide             |
| 4233        | N N N N N N N N N N N N N N N N N N N  |
|             | N-[3-(2-Fluoro-4'-{[([1,2,4]oxadiazol-3-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide           |
| 4234        | N N N N N N N N N N N N N N N N N N N  |
|             | N-[3-(2-Fluoro-4'-{[(oxazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                     |
| 4235        | N N N HN O   |
|             | N-{3-[3-Fluoro-4-(6-{[(oxazol-4-ylmethyl)-amino]-methyl}-pyridin-3-yl)-phenyl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide            |

| l l  |   |
|------|---|
| 4236 | HN HN   |
|      | N-(3-{2-Fluoro-4'-[N'-(pyridine-4-carbonyl)-hydrazinomethyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide  |
| 4237 |   |
|      | N-(3-{2-Fluoro-4'-[N'-(pyridine-3-carbonyl)-hydrazinomethyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide  |
| 4238 | O N N N N N N N N N N N N N N N N N N N   |
|      | N-[3-(2-Fluoro-4'-{[(oxazol-5-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide        |
| 4239 | N=N-HN-P  |
|      | N-{4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-2-[1,2,3]triazol-1-yl-acetamide |
| 4240 | HO NIN N N N N N N N N N N N N N N N N N  |

|      | N-{4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-2-(4-hydroxymethyl-[1,2,3]triazol-1-yl)-acetamide     |
|------|---|
| 4241 | HO N. N. N. N. P.   |
|      | N-{4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-2-[4-(2-hydroxy-butyl)-[1,2,3]triazol-1-yl]-acetamide |
| 4242 | S HN HN PO  |
|      | 2-Methyl-thiazole-4-carboxylic acid {4'-[5-(S)-(acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amide               |
| 4243 | N= S HN PO  |
|      | 2-Methyl-thiazole-4-carboxylic acid {4'-[5-(S)-(acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amide               |
| 4244 | s   |
|      | N-{3-[2-Fluoro-4'-([1,2,4]oxadiazol-3-ylmethylsulfanylmethyl)-biphenyl-4-yl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide                       |

| 4245 | O N N N N N N N N N N N N N N N N N N N   |
|------|---|
|      | N-[3-(2-Fluoro-4'-{[(1-oxy-pyridin-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                     |
| 4246 | HO HO O   |
|      | N-{3-[4'-(2-Benzylamino-1-(S)-hydroxy-ethyl)-2-fluoro-biphenyl-4-yl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide                             |
| 4247 | N HN O  |
|      | N-[3-(4'-{2-[Benzyl-(3-fluoro-propyl)-amino]-1-(S)-hydroxy-ethyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide        |
| 4248 | S N HN O  |
|      | N-[3-(4'-{2-[Benzyl-(2-methylsulfanyl-ethyl)-amino]-1-(S)-hydroxy-ethyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |

| 4249 | CI HOUTH NO HIN O   |
|------|---|
|      | N-[3-(4'-{2-[Benzyl-(3-chloro-3,3-difluoro-propyl)-amino]-1-(S)-hydroxy-ethyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 4250 | HOUTE HIN O   |
|      | N-(2-{4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-yl}-2-(S)-hydroxy-ethyl)-N-benzyl-acetamide                      |
| 4251 | HO HO HN O  |
|      | N-(3-{4'-[2-(Benzyl-methyl-amino)-1-(S)-hydroxy-ethyl]-2-fluoro-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide                         |
| 4252 | N HN O  |
|      | N-{3-[3-Fluoro-4-(6-{[(isoxazol-4-ylmethyl)-amino]-methyl}-pyridin-3-yl)-phenyl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide                       |

|      | Br O   |
|------|--|
| 4253 | HIN O  |
|      | N-[3-(4'-{[(3-Bromo-isoxazol-5-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide             |
| 4254 | N N N N N N N N N N N N N N N N N N N  |
|      | N-[3-(2-Fluoro-4'-{2-[(isoxazol-4-ylmethyl)-amino]-1-methoxyimino-ethyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide     |
| 4255 | N N N N N N N N N N N N N N N N N N N  |
|      | N-[3-(2-Fluoro-4'-{1-methoxyimino-2-[(oxazol-4-ylmethyl)-amino]-ethyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide       |
| 4256 |  |
|      | N-[3-(4'-{[3-(1-Benzyl-1H-[1,2,3]triazol-4-yl)-propylamino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |

| N F N N N N N N N N N N N N N N N N N N   |
|---|
| N-[3-(2-Fluoro-4'-{[(2-fluoro-pyridin-3-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  |
| N O O O O O O O O O O O O O O O O O O O   |
| N-[3-(2-Fluoro-4'-{[3-(3H-[1,2,3]triazol-4-yl)-propylamino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide   |
| F HIN   |
| N-(3-{2-Fluoro-4'-[(2-pyrrolidin-1-yl-ethylamino)-methyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide   |
| $\begin{array}{c c} & & & & \\ & & \\ & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$ |
| N-[3-(3-Fluoro-4-morpholin-4-yl-phenyl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-3-(5-pyrimidin-2-yl-pyridin-2-yl)-propionamide   |
| N= OMe O OME ONE NH PROPERTY OF THE PROPERTY O  |
|   |

|      | NI I2 (2 Elem 2)   |
|------|--|
|      | N-[3-(2-Fluoro-2'-methoxy-4'-{[(pyridin-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 4262 | N N N N N N N N N N N N N N N N N N N  |
|      | N-(3-{2-Fluoro-4'-[(2-[1,2,3]triazol-1-yl-ethylamino)-methyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide      |
| 4263 | O-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N  |
|      | N-{3-[4'-(Benzyloxyamino-methyl)-2-fluoro-biphenyl-4-yl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide                          |
| 4264 | N N N N N N N N N N N N N N N N N N N  |
|      | N-(3-{2-Fluoro-4'-[(3-[1,2,3]triazol-1-yl-propylamino)-methyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide     |
| 4265 | P HN O   |
|      | N-[3-(4'-{[Benzyloxy-(3-fluoro-propyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide     |

| 4266 | N N N N N N N N N N N N N N N N N N N  |
|------|--|
|      | N-[3-(2-Fluoro-4'-{[2-(3H-[1,2,3]triazol-4-yl)-ethylamino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide         |
| 4267 | N N N N N N N N N N N N N N N N N N N  |
|      | N-[3-(2-Fluoro-4'-{[(3H-[1,2,3]triazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide          |
| 4268 | N N N N N N N N N N N N N N N N N N N  |
|      | 3-(2-Fluoro-4'-{[(3H-[1,2,3]triazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-5-(R)-[1,2,3]triazol-1-ylmethyl-oxazolidin-2-one       |
| 4269 | N N N N N N N N N N N N N N N N N N N  |
|      | N-[3-(2-Fluoro-4'-{[(5-methyl-3H-[1,2,3]triazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |

| 4270 | HN N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N   |
|------|--|
| ·    | N-[3-(4'-{[Bis-(5-methyl-3H-[1,2,3]triazol-4-ylmethyl)-amino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 4271 | N—S HN HN  |
|      | N-(3-{2-Fluoro-4'-[N'-(4-methyl-[1,2,3]thiadiazole-carbonyl)-hydrazinomethyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide  |
| 4272 | N HN O   |
|      | N-[3-(2-Fluoro-4'-{[(3-methyl-3H-[1,2,3]triazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide     |
| 4273 | N HN O   |
|      | N-[3-(2-Fluoro-4'-{[(2-methyl-2H-[1,2,3]triazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide     |

| 4274 | F HN  |
|------|---|
|      | N-(3-{2-Fluoro-4'-[(3-fluoro-2-[1,2,3]triazol-1-yl-propylamino)-methyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide     |
| 4275 | F—————————————————————————————————————  |
|      | N-[3-(2-Fluoro-4'-{[2-(4-fluoro-phenyl)-2-(R/S)-hydroxy-ethylamino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 4276 | N N N N N N N N N N N N N N N N N N N   |
|      | N-[3-(2-Fluoro-4'-{[methyl-(3H-[1,2,3]triazol-4-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide    |
| 4277 | N HN O  |
|      | N-{3-[3-Fluoro-4-(6-{[(3H-[1,2,3]triazol-4-ylmethyl)-amino]-methyl}-pyridin-3-yl)-phenyl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide  |

| 4280 | N-[3-(2-Fluoro-4'-{[(pyrrolidin-2-(R/S)-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                             |
|------|--|
|      | {4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro biphenyl-4-ylmethyl}-(1-methyl-1H-tetrazol-5-ylmethyl)-carbamic acid tert-butyl ester |
| 4281 | N=N N=N N=N N=N N=N N N=N N N N N N N N  |

| {4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-   |
|---|
| biphenyl-4-ylmethyl}-(2-methyl-2H-tetrazol-5-ylmethyl)-carbamic acid tert-butyl ester   |
| N-N<br>HN<br>F  |
| N-[3-(2-Fluoro-4'-{[(1H-tetrazol-5-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide   |
| N-N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N<br>N   |
| N-[3-(2-Fluoro-4'-{[(1-methyl-1H-tetrazol-5-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  |
| N=N<br>N HN<br>P O  |
| N-[3-(2-Fluoro-4'-{[(2-methyl-2H-tetrazol-5-ylmethyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  |
| NOH SHOW THE RESERVENCE OF THE PARTY OF THE |
| N-[3-(2-Fluoro-4'-{[(N-hydroxy-pyridine-4-carboximidoyl)-amino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide   |
|   |

| 4286 | N N N N N N N N N N N N N N N N N N N  |
|------|--|
|      | N-[3-(4'-{2-[Benzyl-(2-methanesulfonyl-ethyl)-amino]-1-(S)-hydroxy-ethyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide       |
| 4287 | N S-NH<br>N N N<br>N N N N N N N N N N N N N N N N   |
|      | N-[3-(4'-{[2-(1,3-Dioxo-1,3-dihydro-isoindol-2-yl)-ethanesulfonylamino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 4288 | H-N<br>0=S=0<br>H-N<br>P   |
|      | N-{3-[4'-(Benzylsulfamoyl-methyl)-2-fluoro-biphenyl-4-yl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide   |
| 4289 | O H HN P   |
|      | 5-Oxo-pyrrolidine-2-carboxylic acid {4'-[5-(S)-(acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amide                    |
| 4290 | HN-S   |

|      | 3-({4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-carbamoyl)-azetidine-1-carboxylic acid tert-butyl ester |
|------|--|
| 4291 | HN H   |
|      | Azetidine-3-carboxylic acid {4'-[5-(S)-(acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amide                          |
| 4292 | NH NH P  |
|      | N-{4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-2-(R)-amino-3-(3H-imidazol-4-yl)-propionamide            |
| 4293 | H <sub>2</sub> N O   |
|      | 2-({4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amino)-2-pyridin-3-yl-acetamide                         |
| 4294 | NH <sub>2</sub><br>O<br>H-N<br>F   |
|      | N-{4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-2-amino-2-pyridin-3-yl-acetamide                         |
| 4295 | NH NH NH   |

|      | 2-({4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-carbamoyl)-azetidine-1-carboxylic acid tert-butyl ester  |
|------|---|
| 4296 | HN NH N  |
|      | Azetidine-2-carboxylic acid {4'-[5-(S)-(acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amide   |
| 4297 | F NH <sub>2</sub> N N N N N N N N N N N N N N N N N N N   |
| -    | N-{4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-2-(R)-amino-2-(4-fluoro-phenyl)-acetamide   |
| 4298 | A Committee promise a committee   |
|      | 4-[({4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amino)-methyl]-piperidine-1-carboxylic acid tert-butylester   |
| 4299 | NH <sub>2</sub> NH <sub>2</sub> NH <sub>2</sub> NH <sub>N</sub> |
| H.   | N-{3-[2-Fluoro-4'-(1-[1,2,3]thiadiazol-4-ylmethyl-ureidomethyl)-biphenyl-4-yl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide   |

| 4300 | HN O  |
|------|---|
|      | N-(3-{4'-[(Cyclopropylmethyl-amino)-methyl]-2-fluoro-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide  |
| 4301 | HO:   |
|      | 4-(R)-Hydroxy-pyrrolidine-2-(S)-carboxylicacid {4'-[5-(S)-(acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amide                    |
| 4302 | H <sub>2</sub> N·····   |
|      | N-{4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-2-(S)-amino-3-pyridin-2-yl-propionamide                               |
| 4303 | HNIII P   |
|      | [1-(S)-({4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-carbamoyl)-2-pyridin-2-yl-ethyl]-carbamic acid tert-butyl ester |

| 4304 | TO HE NH   |
|------|--|
|      | [1-({4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-carbamoyl)-cyclopropyl]-carbamic acid tert-butyl ester   |
| 4305 | NH NH  |
|      | 2-({4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-carbamoyl)-2,5-dihydro-pyrrole-1-(S)-carboxylic acid tert-butylester  |
| 4306 | NH NH  |
|      | 2,5-Dihydro-1H-pyrrole-2-(S)-carboxylic acid {4'-[5-(S)-(acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amide   |
| 4307 | NH <sub>2</sub> NH <sub>3</sub> NH <sub>4</sub> NH <sub>4</sub> NH <sub>4</sub> NH <sub>4</sub> NH <sub>5</sub> NH <sub>6</sub> NH <sub>7</sub> NH |
|      | N-{4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-2-(R)-amino-3-(1H-indol-3-yl)-propionamide   |
| 4308 | NH HN O  |

|      | [1 (D) ((A) [5 (G) (A - (A             |
|------|--|
|      | [1-(R)-({4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-   |
|      | fluoro-biphenyl-4-ylmethyl}-carbamoyl)-2-(1H-indol-3-yl)-ethyl]-     |
|      | carbamic acid tert-butyl ester                                       |
|      |  |
|      |  |
|      | HN-4   |
| 4309 |  |
|      |  |
|      | N P  |
|      |  |
|      | Pyrrolidine-2-(S)-carboxylic acid {4'-[5-(S)-(acetylamino-methyl)-2- |
|      | oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amide            |
|      | 0  |
|      |  |
|      |  |
|      |  |
| 4310 | N. H \   |
|      | NH <sub>2</sub>  |
|      |  |
|      |  |
|      | Ö  |
|      | N-{4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-  |
|      | biphenyl-4-ylmethyl}-2-(R)-amino-3-pyridin-3-yl-propionamide         |
|      |  |
|      | 9 11-  |
|      |  |
|      |  |
| 4311 |  |
|      | HO HO  |
|      |  |
|      |  |
|      | Ö  |
|      | 2-({4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro- |
|      | biphenyl-4-ylmethyl}-carbamoyl)-4-(R)-hydroxy-pyrrolidine-1-(S)-     |
|      | carboxylic acid tert-butyl ester                                     |
|      | 0  |
|      |  |
|      | $H_2N$   |
| 4010 |  |
| 4312 |  |
|      | F HN O   |
|      |  |
|      | T H  |
|      | 2-({4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro- |
|      | biphenyl-4-ylmethyl}-amino)-3-(S)-(1H-indol-3-yl)-propionamide       |
|      |  |

| 4313 | $H_2N$ $N$ $N$ $N$ $N$ $N$ $N$ $N$ $N$ $N$   |
|------|--|
|      | 2-({4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amino)-3-(1H-imidazol-4-yl)-propionamide                        |
| 4314 | HN HN O  |
|      | N-(3-{2-Fluoro-4'-[(2-oxo-2-piperazin-1-yl-ethylamino)-methyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide                                 |
| 4315 | HN PO  |
|      | 4-[2-({4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amino)-acetyl]-piperazine-1-carboxylic acid tert-butyl ester |
| 4316 | N HN O   |
|      | N-(3-{2-Fluoro-4'-[(2-morpholin-4-yl-2-oxo-ethylamino)-methyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide                                 |
| 4317 | HN O   |
| -    | 3-[({4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amino)-methyl]-pyrrolidine-1-carboxylic acid tert-butyl ester  |

| 4318 | N N N N N N N N N N N N N N N N N N N   |
|------|---|
|      | N-(3-{2-Fluoro-4'-[(2-morpholin-4-yl-ethylamino)-methyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide              |
| 4319 | NH NH NH NO   |
|      | Cyclopropanecarboxylic acid {4'-[5-(S)-(acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amide         |
| 4320 | OME OHN   |
|      | N-(3-{2-Fluoro-4'-[(furan-3-ylmethyl-methyl-amino)-methyl]-2'-methoxy-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide |
| 4321 | H <sub>2</sub> N H F O NH   |
|      | 1-Amino-cyclopropanecarboxylic acid {4'-[5-(S)-(acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amide |
| 4322 | HN O  |
|      | Piperazine-2-(R/S)-carboxylic acid {4'-[5-(S)-(acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amide  |

| 5001 | N N N N N N N N N N N N N N N N N N N   |
|------|---|
|      | N-[3-(2-Fluoro-4'-{[2-(3H-[1,2,3]triazol-4-ylsulfanyl)-ethylamino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  |
| 5002 |   |
|      | N-[3-(2-Fluoro-4'-{[3-(3H-[1,2,3]triazol-4-ylsulfanyl)-propylamino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 5003 | S S HIN O   |
|      | N-[3-(2-Fluoro-4'-{[2-([1,3,4]thiadiazol-2-ylsulfanyl)-ethylamino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide  |
| 5004 | N S HIN O   |
|      | N-[3-(2-Fluoro-4'-{[2-(pyridin-2-ylsulfanyl)-ethylamino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide            |

| ľ    |   |
|------|---|
| 5005 | N-N<br>N-N<br>N-N<br>N-N<br>N-N<br>N-N<br>N-N<br>N-N<br>N-N<br>N-N  |
|      | N-[3-(2-Fluoro-4'-{[2-(4H-[1,2,4]triazol-3-ylsulfanyl)-ethylamino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide    |
| 5006 | S S HIN O   |
|      | N-[3-(2-Fluoro-4'-{[2-(thiazol-2-ylsulfanyl)-ethylamino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide              |
| 5007 | N N N N N N N N N N N N N N N N N N N   |
|      | 3-(2-Fluoro-4'-{[2-(3H-[1,2,3]triazol-4-ylsulfanyl)-ethylamino]-methyl}-biphenyl-4-yl)-5-(R)-[1,2,3]triazol-1-ylmethyl-oxazolidin-2-one |
| 5008 | N S HN S  |
|      | N-[3-(2-Fluoro-4'-{[2-(1H-imidazol-2-ylsulfanyl)-ethylamino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide          |
| 5009 | N S HIN O   |

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|      | N-[3-(2-Fluoro-4'-{[2-(pyrimidin-2-ylsulfanyl)-ethylamino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide                                 |
|------|--|
| 5010 | N S N N N N N N N N N N N N N N N N N N  |
| -    | 2-[2-({4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl}-amino)-ethylsulfanyl]-1H-imidazole-4-carboxylic acid ethyl ester |
| 5011 | N—N<br>S—N<br>ÖH   |
|      | N-[3-(2-Fluoro-4'-{[2-(S)-(hydroxy-3-(4H-[1,2,4]triazol-3-ylsulfanyl)-propylamino]-methyl}-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide         |
| 5012 | N HN O   |
|      | N-(3-{2-Fluoro-4'-[(3-pyridin-4-yl-ureido)-methyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide   |
| 5013 |  |
|      | N-(3-{2-Fluoro-4'-[3-(3-fluoro-phenyl)-ureidomethyl]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide   |

| 5014 | CI<br>NH<br>NH<br>NH<br>NH<br>NH<br>NH<br>NH<br>NH<br>NH<br>NH                          |
|------|---|
|      | N-{4'-[5-(S)-(Acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-                     |
|      | biphenyl-4-ylmethyl}-2-(2,4-dichloro-phenoxy)-acetamide                                 |
| 5015 | F CI NH O HN O  |
|      | N-[3-(4'-{[3-(3-Chloro-5-trifluoromethyl-pyridin-2-ylamino)-                            |
|      | propylamino]-methyl}-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-(S)-ylmethyl]-acetamide |
| 6001 | HIN DO  |
|      | N-(3-{2-Fluoro-4'-[3-(3-imidazol-1-yl-propyl)-ureido]-biphenyl-4-yl}-                   |
| 6002 | 2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide  N H H H O H N O H N O O O O O O O O O       |
|      | N-{3-[2-Fluoro-4'-(3-thiazol-2-ylmethyl-ureido)-biphenyl-4-yl]-2-oxo-                   |
|      | oxazolidin-5-(S)-ylmethyl}-acetamide  |
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| 6003 | HIN O   |
|------|---|
|      | N-(3-{2-Fluoro-4'-[3-(2-pyridin-2-yl-ethyl)-ureido]-biphenyl-4-yl}-2-oxo-oxazolidin-5-(S)-ylmethyl)-acetamide |
| 6004 | N N N N N N N N N N N N N N N N N N N   |
|      | N-{3-[2-Fluoro-4'-(3-pyridin-4-ylmethyl-ureido)-biphenyl-4-yl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide     |
| 6005 | N N N N N N N N N N N N N N N N N N N   |
|      | N-{3-[2-Fluoro-4'-(3-pyridin-2-ylmethyl-ureido)-biphenyl-4-yl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide     |
| 6006 | N N N N N N N N N N N N N N N N N N N   |
|      | N-{3-[2-Fluoro-4'-(3-pyridin-4-yl-ureido)-biphenyl-4-yl]-2-oxo-oxazolidin-5-(S)-ylmethyl}-acetamide           |

Nuclear magnetic resonance (NMR) spectra were obtained on a Bruker Avance 300 or Avance 500 spectrometer, or in some cases a GE-Nicolet 300 spectrometer. Common reaction solvents were either high performance liquid chromatography (HPLC) grade or American Chemical Society (ACS) grade, and anhydrous as obtained from the manufacturer unless

otherwise noted. "Chromatography" or "purified by silica gel" refers to flash column chromatography using silica gel (EM Merck, Silica Gel 60, 230-400 mesh) unless otherwise noted.

# Example 1 – Synthesis of Biaryl Precursors

Scheme 1 depicts the synthesis of various biaryl intermediates useful in producing compounds of the present invention. Known iodoaryl oxazolidinone intermediate 50 (see U.S. Patent Nos. 5,523,403 and 5,565,571) is coupled to a substituted aryl boronic acid (the Suzuki reaction) to produce biaryl alcohol 51. Mesylate 52, azide 53, and amine 54 are then synthesized using chemistry well known to those skilled in the art.

### 10 Scheme 1

## Synthesis of alcohol 51

A suspension of N-[3-(3-fluoro-4-iodo-phenyl)-2-oxo-oxazolidin-5-ylmethyl]acetamide **50** (14.0 g, 37 mmol) in toluene (120 mL) was treated with 4-(hydroxymethyl)

phenylboronic acid (7.87 g, 51.8 mmol, 1.4 equiv), potassium carbonate (K<sub>2</sub>CO<sub>3</sub>, 15.32 g, 111 mmol, 3.0 equiv), ethanol (EtOH, 40 mL), and H<sub>2</sub>O (40 mL) at 25 °C, and the resulting mixture was degassed three times under a steady stream of argon at 25 °C.

Tetrakis(triphenylphosphine)palladium (Pd(PPh<sub>3</sub>)<sub>4</sub>, 2.14 g, 1.85 mmol, 0.05 equiv) was subsequently added to the reaction mixture, and the resulting reaction mixture was degassed

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# Synthesis of mesylate 52

A suspension of 51 (12.49 g, 34.90 mmol) in methylene chloride (CH<sub>2</sub>Cl<sub>2</sub>, 150 mL) was treated with triethylamine (Et<sub>3</sub>N, 7.07 g, 9.7 mL, 70 mmol, 2.0 equiv) at 25 °C, and the resulting mixture was cooled to 0–5 °C before being treated dropwise with methanesulfonyl chloride (4.80 g, 3.24 mL, 41.9 mmol, 1.2 equiv) at 0–5 °C. The resulting reaction mixture was subsequently stirred at 0–5 °C for 2 h. When TLC and HPLC showed the reaction was complete, the reaction mixture was treated with H<sub>2</sub>O (100 mL) at 0-5 °C. The mixture was then concentrated *in vacuo* to remove most of the CH<sub>2</sub>Cl<sub>2</sub>, and the resulting slurry was treated with H<sub>2</sub>O (150 mL). The mixture was stirred at room temperature for 10 min before being cooled to 0–5 °C for 30 min. The solid precipitates were collected by filtration, washed with H<sub>2</sub>O (2 x 100 mL) and 20% EtOAc/hexane (2 X 50 mL), and dried *in vacuo*. The crude desired methanesulfonic acid 4'-[5-(acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-ylmethyl ester 52 (11.84 g, 78% yield) was obtained as off-white solids, which by TLC and HPLC was found to be essentially pure and was directly used in the subsequent reaction without further purification. LCMS (ESI) *m/e* 437 (M + H)<sup>+</sup>.

### Synthesis of azide 53

A solution of 52 (9.27 g, 21.26 mmol) in anhydrous N,N-dimethylformamide (DMF, 50 mL) was treated with sodium azide (NaN<sub>3</sub>, 5.53 g, 85.04 mmol, 4.0 equiv) at 25 °C, and the resulting reaction mixture was warmed to 70–80 °C for 4 h. When TLC and HPLC showed the

reaction was complete, the reaction mixture was cooled to room temperature before being treated with  $H_2O$  (150 mL). The resulting mixture was stirred at room temperature for 10 min before being cooled to 0–5 °C for 1 h. The solid precipitates were collected by filtration, washed with  $H_2O$  (2 x 100 mL) and 20% EtOAc/hexane (2 X 50 mL), and dried *in vacuo*. The crude desired N-[3-(4'-azidomethyl-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-ylmethyl]-acetamide 53 (7.16 g, 88% yield) was obtained as off-white solids. The material was found to be essentially pure by TLC and HPLC and was directly used in the subsequent reaction without further purification. LCMS (ESI) m/e 384 (M + H)<sup>+</sup>.

# Synthesis of amine 54

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A solution of 53 (7.16 g, 18.69 mmol) in tetrahydrofuran (THF) (100 mL) was treated with triphenylphosphine (PPh<sub>3</sub>, 5.88 g, 22.43 mmol, 1.2 equiv) and H<sub>2</sub>O (3.6 g, 3.6 mL, 0.2 mmol, 11.0 equiv) at 25 °C, and the resulting reaction mixture was warmed to 50-55 °C for 12 h. When TLC and HPLC showed the reduction reaction was complete, the reaction mixture was cooled to room temperature before the solvents were removed *in vacuo*. The residue was directly purified by flash column chromatography (0–15% MeOH-CH<sub>2</sub>Cl<sub>2</sub> gradient elution) to afford the desired *N*-[3-(4'-Aminomethyl-2-fluoro-biphenyl-4-yl)-2-oxo-oxazolidin-5-ylmethyl]-acetamide 54 (5.82 g, 87% yield) as off-white crystals, which were of sufficient purity to be directly used in subsequent reactions. <sup>1</sup>H NMR (300 MHz, DMSO-d<sub>6</sub>) δ 1.85 (s, 3H, COCH<sub>3</sub>), 3.04 (br. s, 2H, NH<sub>2</sub>), 3.44 (t, 2H, *J* = 5.4 Hz), 3.78 (m, 3H), 4.18 (t, 1H, *J* = 9.1 Hz), 4.77 (m, 1H), 7.25 – 7.60 (m, 7H, aromatic-*H*), 8.20 (t, 1H, *J* = 5.8 Hz, N*H*COCH<sub>3</sub>). LCMS (ESI) *mle* 359 (M + 2H)<sup>2+</sup>.

# Example 2 - Synthesis of Triazole 1001 and Imidazole 1002

Scheme 2 illustrates the synthesis of triazole 1001 and imidazole 1002. Aryl bromide 60 was converted to boronic acid 61 which was used in a Suzuki coupling with aryl iodide 50 to afford alcohol 63 after desilylation. The alcohol was converted to mesylate 64 and then to azide 65. The cycloaddition of azide 65 with trimethylsilylacetylene followed by desilylation afforded triazole 1001. Alkylation of mesylate 64 with imidazole yielded compound 1002.

#### Scheme 2

## Synthesis of bromide 60

To a solution of 4-bromophenethyl alcohol (5.60 g, 27.9 mmol), imidazole (3.80 g, 55.7 mmol) and a catalytic amount of 4-dimethylaminopyridine (DMAP) in DMF (55 mL) was added *t*-butyldiphenylchlorosilane (TBDPSCl, 7.20 mL, 27.9 mmol) at 0 °C and the mixture was stirred at ambient temperature for 72 h. The reaction was quenched with ice cold water (50 mL) and extracted with ether (4 x 50 mL). The combined etheral layer was washed with water (4 x 100 mL), dried over anhydrous sodium sulfate (Na<sub>2</sub>SO<sub>4</sub>), concentrated and purified by flash chromatography (2% ethyl acetate in hexanes) to yield 10.6 g of **60**.

#### Synthesis of boronic acid 61

To a solution of 60 (10.5 g, 24.0 mmol) in THF (50 mL) was added *n*-butyl lithium (*n*-BuLi, 2.5M in hexane, 11.5 mL, 28.8 mmol) at -78 °C and the mixture was stirred for 1 h before the addition of trimethyl borate (3.54 mL, 31.2 mmol). The solution was then stirred overnight at ambient temperature and quenched with 1M potassium hydrogen sulfate (KHSO<sub>4</sub>, 25 mL). The resulting mixture was extracted with CH<sub>2</sub>Cl<sub>2</sub> (3 x 50 mL), washed with brine (3 x 100 mL), dried (anhydrous Na<sub>2</sub>SO<sub>4</sub>), concentrated and purified by flash chromatography (25% ethyl acetate in hexanes) to yield 5 g of boronic acid 61 as mixture of acid and cyclic anhydrides.

# 20 Synthesis of alcohol 63

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To a mixture of boronic acid 61 (4.7 g, 11.7 mmol), known oxazolidinone 50 (4.00 g, 10.6 mmol; see U.S. Patent Nos. 5,523,403 and 5,565,571), potassium carbonate (K<sub>2</sub>CO<sub>3</sub>, 4.40

g, 31.8 mmol) and Pd(PPh<sub>3</sub>)<sub>4</sub> (0.613 g, 5 mol%) was added toluene (90 mL), ethanol (30 mL) and H<sub>2</sub>O (30 mL). The reaction mixture was refluxed overnight under argon atmosphere, concentrated and redissolved in CH<sub>2</sub>Cl<sub>2</sub> (100 mL). The organic phase was washed with brine solution (2 x 100 mL), dried (anhydrous Na<sub>2</sub>SO<sub>4</sub>), concentrated and used for the next step without further purification. To a solution of this crude material in THF (70 mL) was added tetrabutylammonium fluoride (TBAF, 20 mL, 20 mmol) and the mixture was stirred overnight at ambient temperature. The reaction mixture was concentrated and washed with water (4 x 100 mL) to yield 3.5 g of 63. LCMS (ESI) m/z 373 (M+H).

# Synthesis of mesylate 64 and azide 65

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To a solution of 63 (1.0 g, 2.7 mmol) in CH<sub>2</sub>Cl<sub>2</sub> (15 mL), DMF (4 mL) and *N,N*-diisopropylethylamine (Hunig's base, 0.75 mL, 4.05 mmol) was added methanesulfonyl chloride (0.32 mL, 2.7 mmol) at 0 °C. After 2 h the reaction mixture was poured into CH<sub>2</sub>Cl<sub>2</sub> (150 mL) and the organic layer was washed with water (3 x 100 mL), dried, concentrated to afford 64 as a solid. The crude solid 64 thus obtained was heated with NaN<sub>3</sub> (0.35 g, 5.4 mmol) at 90 °C overnight. The reaction mixture was poured into ethyl acetate (100 mL). The ethyl acetate layer was washed with water (3 x 50 mL), dried and concentrated to yield 1.1 g of pure azide 65. LCMS (ESI) *m/z* 398 (M+H).

# Synthesis of triazole 1001

A solution of azide 65 (100 mg, 0.252 mmol) and trimethylsilylacetylene (0.072 mL, 0.504 mmol) in DMF (3 mL) was heated at 90°C until the azide was consumed. The reaction mixture was concentrated and treated with TBAF (1 mL, 1 mmol) and acetic acid (0.028 mL, 0.504 mmol) in THF (3 mL). The solution was stirred for 72 h and concentrated. The crude product was purified by flash chromatography using 4% methanol (MeOH) in CH<sub>2</sub>Cl<sub>2</sub> to yield 85 mg of 1001. LCMS (ESI) m/z 424 (M+H).

### 25 Synthesis of imidazole 1002

To a solution of imidazole (70 mg, 1.0 mmol) in DMF (5 mL) was added sodium hydride (NaH, 60%, 41 mg, 1 mmol) at 0 °C and the mixture was stirred for 30 minutes before the addition of mesylate 64 (114 mg, 0.250 mmol). The resulting solution was heated to 80 °C for 3h, concentrated and purified by flash chromatography (5% MeOH in CH<sub>2</sub>Cl<sub>2</sub>). After trituration with ether, the residue afforded 40 mg of 1002. LCMS (ESI) m/z 423 (M+H).

# Example 3 - Synthesis of Piperazines 1003-1006

Scheme 3 illustrates the synthesis of compounds 1003-1006. Mesylate 52 served as alkylating agent for piperazine intermediates 68, 69 and 70 to afford compounds 1003, 1004 and 1006 respectively. Mesylate 67 was employed to alkylate piperazine intermediate 69 to provide compound 1005.

#### Scheme 3

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### Synthesis of mesylate 67

afford the expected alcohol (900 mg).

Mesylate 67 was synthesized by coupling iodide 50 and 4-formyl-3-10 fluorophenylboronic acid following the procedure described above for the synthesis of N-[3-(2fluoro-4'-hydroxymethyl-biphenyl-4-yl)-2-oxo-oxazolidin-5-ylmethyl]-acetamide (see Example 1). The biaryl aldehyde obtained (1.0 g, 2.67 mmol) was suspended in 40 mL methanol and the mixture was cooled to 0°C. Sodium borohydride (0.112 g, 2.943 mmol) was added, and the mixture was stirred for 50 min. Water was added (20 mL), and after stirring another 20 min the mixture was partitioned between methylene chloride and brine. The aqueous phase was extracted twice with methylene chloride. The aqueous phase was acidified to pH 7, then extracted twice with methylene chloride. The combined organic phase was washed with brine, dried over Na<sub>2</sub>SO<sub>4</sub>, and concentrated. The crude material was azeotroped with toluene to

The above alcohol (900 mg) was dissolved in methylene chloride (20 mL), DMF (13 mL) and Hunig's base (1.23 mL) and the mixture was cooled to 0°C. Methanesulfonyl chloride (557 uL, 7.20 mmol) was added and the mixture was stirred for 1.5 h at 0°C. LCMS indicated a mixture of desired mesylate and some of the corresponding benzyl chloride. The mixture was stirred for another 30 min and then concentrated. The residue was treated with 400 mL water, and the precipitate was filtered and washed with water. Drying under vacuum overnight yielded 750 mg crude mesylate 67 (as a mixture with some of the corresponding chloride).

# Synthesis of piperazine 68

A solution of *tert*-butyl-1-piperazine carboxylate (1 g, 5.4 mmol), bromoacetamide (820 mg, 5.94 mmol) and Hunig's base (1.2 mL, 7.2 mmol) in a mixture of CH<sub>2</sub>Cl<sub>2</sub> (10 mL) and MeOH (10 mL) was heated to reflux for 4 h. The reaction mixture was concentrated and the crude product thus obtained was purified by flash chromatography (19 :1 :0.01 CH<sub>2</sub>Cl<sub>2</sub>/MeOH/ NH<sub>4</sub>OH) to yield 1.3 g of pure BOC-protected piperazinyl acetamide. To a solution of the acetamide (250 mg, 1 mmol) in CH<sub>2</sub>Cl<sub>2</sub> (10 mL) was added trifluoroacetic acid (TFA, 5 mL) at 0°C and the mixture was stirred at that temperature for 2 h. The reaction mixture was concentrated to yield 68 which was used for subsequent reactions without further purification.

# Synthesis of piperazine 69

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A solution of *tert*—butyl-1-piperazine carboxylate (1 g, 5.4 mmol), bromoacetonitrile (0.5 mL, 5.94 mmol) and Hunig's base (1.2 mL, 7.2 mmol) in a mixture of CH<sub>2</sub>Cl<sub>2</sub> (10 mL) and MeOH (10 mL) was stirred at ambient temperature for 4 h. The reaction mixture was concentrated and the crude product thus obtained was purified by flash chromatography (19:1:0.01 CH<sub>2</sub>Cl<sub>2</sub>/MeOH/NH<sub>4</sub>OH) to yield 1.3 g of pure BOC-protected piperazinyl acetonitrile. To a solution of the piperazinyl acetonitrile (300 mg, 1.3 mmol) in CH<sub>2</sub>Cl<sub>2</sub> (10 mL) was added TFA (5 mL) at 0°C and the mixture was stirred at that temperature for 2 h. The reaction mixture was concentrated to yield 69 which was used for subsequent reactions without further purification.

### Synthesis of compound 1003

A solution of mesylate of 52 (138 mg, 0.320 mmol) and 68 (~1 mmol) in Hunig's base (2 mL) and DMF (8 mL) was heated to 90°C for 2 h. Then the solution was concentrated and purified by flash chromatography over silica gel (20:1:0.01 CH<sub>2</sub>Cl<sub>2</sub>/MeOH/NH<sub>4</sub>OH) to yield 1003. LCMS (ESI) m/z 484 (M + H)<sup>+</sup>.

### Synthesis of compound 1004

Compound 1004 was synthesized from mesylate 52 and piperazine intermediate 69 in the same manner as described above for the synthesis of compound 1003. LCMS (ESI) m/z 466  $(M + H)^+$ .

# Synthesis of compound 1005

Compound 1005 was synthesized from mesylate 67 and piperazine intermediate 69 in the same manner as described above for the synthesis of compound 1003. LCMS (ESI) m/z 484 (M + H)<sup>+</sup>.

# 5 Synthesis of compound 1006

Compound 1006 was synthesized from mesylate 52 and available piperazine intermediate 70 in the same manner as described above for the synthesis of compound 1003. LCMS (ESI) m/z 455 (M + H)<sup>+</sup>.

# Example 4 - Synthesis of Compounds 1007-1010

Scheme 4 illustrates the synthesis of compounds 1007-1010. Mesylate 52 was converted to nitrile 71, which was subsequently transformed to tetrazole 1007. Mesylate 52 served as alkylating agent for the anion derived from imidazole to afford imidazole derivative 1008. Mesylate 67 was converted to azide 72, which was then subsequently converted to triazole 1009. Mesylate 67 served as alkylating agent for the anion derived from imidazole to afford imidazole derivative 1010.

### Scheme 4

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### Synthesis of tetrazole 1007

To a solution of mesylate 52 (2.0 g, 4.6 mmol) in DMF (30 mL) was added sodium cyanide (NaCN, 0.45 g, 9.2 mmol) and the mixture was heated to 70°C for 3 h. The reaction mixture was cooled to ambient temperature and poured into water (800 mL). The solid thus

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obtained was filtered and passed through a small bed of silica gel (CH<sub>2</sub>Cl<sub>2</sub>: MeOH = 12:1) to yield 1.8 g of nitrile 71. LCMS (ESI) m/z 368 (M + H)<sup>+</sup>.

A mixture of 71 (100 mg, 0.272 mmol), NaN<sub>3</sub> (40 mg, 0.598 mmol) and ammonium chloride (NH<sub>4</sub>Cl, 32 mg, 0.598 mmol) in DMF (2 mL) was heated to 90°C for 3 days. The reaction mixture was concentrated and purified by flash chromatography (10% MeOH in  $CH_2Cl_2$ ) to yield 35.6 mg of tetrazole 1007. LCMS (ESI) m/z 411 (M + H)<sup>+</sup>.

### Synthesis of imidazole 1008

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To a solution of imidazole (37.4 mg, 0.550 mmol) in DMF (5 mL) was added NaH (60%, 20 mg, 0.50 mmol) at 0°C and the mixture was stirred for 30 minutes before the addition of mesylate 52 (200 mg, 0.459 mmol). The resulting solution was heated to 60°C for 2 h and poured into water (75 mL). The aqueous suspension was extracted with 10% MeOH in CH<sub>2</sub>Cl<sub>2</sub> (3 x 75 mL) and the combined organic layer was washed with saturated NH<sub>4</sub>Cl solution (2 x 100 mL). The organic layer was dried (anhydrous Na<sub>2</sub>SO<sub>4</sub>), concentrated and triturated with ether to yield 170 mg of imidazole 1008. LCMS (ESI) m/z 409 (M + H)<sup>+</sup>.

# 15 Synthesis of azide 72

Crude mesylate 67 (100 mg, 0.224 mmol; as a mixture with some corresponding benzyl chloride) was dissolved in DMF (10 mL) and sodium azide (114.6 mg, 1.762 mmol) was added. The mixture was stirred at room temperature for 14 h, and then partitioned between ethyl acetate and water. The organic phase was washed with water, dried over Na<sub>2</sub>SO<sub>4</sub>, and concentrated to provide azide 72 as a solid (190 mg).

### Synthesis of triazole 1009

Compound 1009 was synthesized from azide 72 and trimethylsilylacetylene in the same manner as described above for the synthesis of triazole 1001. LCMS (ESI) m/z 428 (M + H)<sup>+</sup>.

### Synthesis of imidazole 1010

Compound 1010 was synthesized from mesylate 67 and imidazole in the same manner as described above for the synthesis of imidazole derivative 1008. LCMS (ESI) m/z 427 (M + H)<sup>+</sup>.

### Example 5 - Synthesis of Compounds 1011-1015

Scheme 5 illustrates the synthesis of compounds 1011-1015. The cycloaddition of azide 53 with alkynes 74-76 afforded triazoles 1011-1013 respectively. The cycloaddition of

azide 53 with alkyne 77 gave BOC-protected intermediate 78 which was subsequently cleaved to provide derivative 1014. The cycloaddition of azide 53 with trimethylsilylacetylene, followed by desilylation, yielded triazole 1015.

#### Scheme 5

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# Synthesis of triazole 1011

A solution of azide 53 (0.10 g, 0.26 mmol) in propargyl amine 74 (0.50 mL) was treated with copper iodide (0.05 g, 0.26 mmol) and was stirred at 23 °C for 0.5 h. The reaction mixture was diluted with  $CH_2Cl_2$  and MeOH and purified by flash chromatography and preparative TLC to afford 1011 as a brown solid (0.027 g; 24%). LCMS (ESI) m/z 439 (M + H)<sup>+</sup>.

### Synthesis of triazole 1012

A solution of azide 53 (0.10 g, 0.26 mmol) in N-methylpropargyl amine 75 (0.50 mL) was treated with copper iodide (5.00 mg, 0.026 mmol) and stirred at 23 °C for 12 h. The solvent was removed *in vacuo*, and the crude product was purified by preparative TLC to afford 1012 as a brown solid (0.038 g; 32%). LCMS (ESI) m/z 453 (M + H)<sup>+</sup>.

# Synthesis of triazole 1013

A solution of azide 53 (0.10 g, 0.26 mmol) in N, N-dimethylpropargyl amine 76 (0.056 mL, 0.520 mmol) was treated with copper iodide (5.00 mg, 0.026 mmol) and stirred at 23 °C for 12 h. The solvent was removed *in vacuo*, and the crude product was purified by flash chromatography to afford 1013 as a yellow film (0.073 g; 60%). LCMS (ESI) *m/z* 467 (M + H)<sup>+</sup>.

# Synthesis of alkyne 77

A solution of propargyl amine 74 (0.34 mL, 5.0 mmol) in methylene chloride (25 mL) was treated with BOC-glycine (0.96 g, 5.5 mmol) and EDCI (1.1 g, 5.5 mmol) and stirred at 23 °C for 0.5 h. The reaction mixture was diluted with CH<sub>2</sub>Cl<sub>2</sub>, washed with 1.0 M HCl (aqueous), washed with saturated aqueous sodium bicarbonate (NaHCO<sub>3</sub>), dried over Na<sub>2</sub>SO<sub>4</sub>, and the solvent evaporated *in vacuo* to afford alkyne 77 (0.51g; 48%).

#### Synthesis of triazole 1014

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A solution of azide 53 (0.15 g, 0.39 mmol) in THF (2 mL) was treated with alkyne 77 (0.17 g, 0.78 mmol) and copper iodide (7.00 mg, 0.039 mmol) and stirred at 23 °C for 16 h.

The solvent was removed *in vacuo*, and the crude product was purified by flash chromatography to afford 78 as a white powder (0.16 g; 68%). LCMS (ESI) *m/z* 618 (M + Na)<sup>+</sup>.

A solution of 78 (0.15 g, 0.25 mmol) was treated with HCl (1.3 mL of 4.0 M solution in dioxane) and was stirred at 23 °C for 2 h. The solvent was removed *in vacuo*, and the residue twice redissolved in methylene chloride and evaporated to afford 1014 as a white film (0.14 g, 100%). LCMS (ESI) m/z 496 (M + H)<sup>+</sup>.

# Synthesis of triazole 1015

A solution of azide 53 (0.75 mg, 2.0 mmol) in DMF (10 mL) was treated with trimethylacetylene (2.3 mL, 20 mmol) and was stirred at 90 °C for 12 h. The reaction mixture was cooled to 23 °C and the solvent was removed *in vacuo* to afford the expected silyl-substituted triazole as a brown foam (0.24 mg; 25%). LCMS (ESI) m/z 482 (M + H)<sup>+</sup>.

A solution of the above silyl-substituted triazole (0.050 g, 0.10 mmol) in THF (0.20 mL) was treated with acetic acid (6  $\mu$ L, 0.10 mmol) and tetrabutylammonium fluoride (0.21 mL of 1.0 M solution in THF) and was stirred at 23 °C for 16 h. The reaction mixture was diluted with CH<sub>2</sub>Cl<sub>2</sub>, washed with water, dried (Na<sub>2</sub>SO<sub>4</sub>), and the solvent removed *in vacuo*. The crude product was purified to afford 1015 as a white powder (0.020 g; 47%). LCMS (ESI) m/z 432 (M + Na)<sup>+</sup>.

#### Example 6 - Synthesis of Compounds 1016-1017

Scheme 6 illustrates the synthesis of compounds 1016-1017. Hydroxyamidine 79 was converted to bromide 80 which was subsequently coupled to boronate 81 to afford compound

1016. Hydroxyamidine 79 was transformed to oxadiazole 82, which was coupled to boronate 81 to afford compound 1017.

#### Scheme 6

# 5 Synthesis of hydroxyamidine 79

A solution of 4-bromophenylacetonitrile (10 g, 54 mmol) in methanol (100 mL) was treated with sodium bicarbonate (2.2 g, 57 mmol) and hydroxylamine hydrochloride (4.0 g, 57 mmol) and refluxed for 1.5 h. Additional sodium bicarbonate (0.21 g, 5.4 mmol) and hydroxylamine hydrochloride (0.38 g, 5.4 mmol) were added, and the reaction mixture was refluxed for 12 h. The reaction mixture was cooled to 23 °C and the solvent removed *in vacuo* to afford hydroxyamidine 79 as a blue powder (4.0 g; 34%).

#### Synthesis of bromide 80

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A solution of hydroxyamidine 79 (0.20 g, 0.91 mmol) in 1,4-dioxane (1 mL) was treated with 1,1'-carbonyldiimidazole (0.18 g, 1.1 mmol) and diazabicycloundecene (DBU, 0.15 mL, 0.97 mmol) and stirred at 105 °C for 1 h. The reaction mixture was diluted with water and extracted with ethyl acetate. The water layer was treated with 1.0 M HCl (aqueous) until the pH was 2, and then extracted with ethyl acetate. The organic layer was dried over Na<sub>2</sub>SO<sub>4</sub>, and the solvent removed *in vacuo* to afford bromide 80 as a yellow powder (0.11 g; 49%).

# 20 Synthesis of boronate 81

A suspension of N-[3-(3-fluoro-4-iodo-phenyl)-2-oxo-oxazolidin-5-ylmethyl]acetamide 62 (20.0 g, 52.8 mmol) in anhydrous 1,4-dioxane (130 mL) was treated with 4,4,5,5-tetramethyl-[1,3,2]dioxaborolane (10.2 g, 11.6 mL, 80.0 mmol) and triethylamine (16.0 g, 22.4 mL, 158.4 mmol) at room temperature, and the resulting reaction mixture was degassed three times under

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a steady stream of argon before being treated with dichloro[1,1'-bis(diphenylphosphino)ferrocene] palladium (II) (Pd(dppf)<sub>2</sub>Cl<sub>2</sub>, 1.32 g, 1.6 mmol, 0.03 equiv) at room temperature. The reaction mixture was then degassed three times again under a steady stream of argon before being heated to reflux for 7 h. When TLC and LCMS showed that the reaction was complete, the reaction mixture was cooled down to room temperature before being treated with water (100 mL) and ethyl acetate (100 mL). The two layers were separated, and the aqueous layer was extracted with ethyl acetate (2 x 50 mL). The combined organic extracts were washed with water (2 x 50 mL) and saturated aqueous NaCl solution (50 mL), dried over magnesium sulfate (MgSO<sub>4</sub>), and concentrated *in vacuo*. The residual brown oil was further dried *in vacuo* to afford the crude desired N-{3-[3-fluoro-4-(4,4,5,5-tetramethyl-[1,3,2]dioxaborolan-2-yl)-phenyl]-2-oxo-oxazolidin-5-ylmethyl} acetamide 81 (18.8 g, 20.0 g theoretical, 94%) as a brown solid which was of sufficient purity to be used in subsequent reactions.

# Synthesis of compound 1016

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A solution of boronate ester **81** (0.085 g, 0.220 mmol), bromide **80** (0.055 g, 0.220 mmol), and potassium carbonate (0.12 g, 0.90 mmol) in dioxane (1.4 mL), ethanol (0.46 mL) and water (0.46 mL) was degassed and treated with Pd(dppf)Cl<sub>2</sub> (6.0 mg, 6.7 μmol), degassed again, and heated at 80 °C for 1.5 h. The reaction mixture was diluted with CH<sub>2</sub>Cl<sub>2</sub> and water, and the precipitate in the water layer was recovered by vacuum filtration to afford **1016** as a grey powder (0.034 g; 36%). LCMS (ESI) *m/z* 427 (M + H)<sup>+</sup>.

### Synthesis of bromide 82

A solution of hydroxyamidine 79 (0.25 g, 1.1 mmol) in pyridine (5 mL) was cooled to 0 °C and treated with a solution of acetic anhydride (0.11 mL, 1.1 mmol) in pyridine (5 mL) and then stirred at 120 °C for 1.5 h. The reaction mixture was diluted with ethyl acetate, washed with 1.0 M HCl (aqueous), washed with saturated aqueous sodium bicarbonate, dried over Na<sub>2</sub>SO<sub>4</sub>, and the solvent evaporated *in vacuo*. The crude product was purified by flash chromatography to afford bromide 82 as a clear film (0.10 g; 36%).

#### Synthesis of compound 1017

A solution of boronate ester 81 (0.15 g, 0.40 mmol), bromide 82 (0.10 g, 0.40 mmol), and potassium carbonate (0.22 g, 1.6 mmol) in dioxane (2.5 mL), ethanol (0.83 mL) and water (0.83 mL) was degassed and treated with Pd(dppf)Cl<sub>2</sub> (10.0 mg, 0.012 mmol), degassed again,

and stirred at 80 °C for 2 h. The reaction mixture was diluted with  $CH_2Cl_2$  and washed with water. The water layer was extracted with 2 x  $CH_2Cl_2$ , dried over  $Na_2SO_4$ , and the solvent evaporated *in vacuo*. The crude product was purified by flash chromatography and preparative TLC to afford 1017 as a white powder (0.054 g; 32%). LCMS (ESI) m/z 425 (M + H)<sup>+</sup>.

#### 5 Example 7 - Synthesis of Compounds 1018-1019

Scheme 7 illustrates the synthesis of compounds 1018-1019. Known aryl iodide 83 was coupled to 4-hydroxymethylboronic acid to afford biaryl alcohol 84. Alcohol 84 was converted to azide 85, which was used in alkyne cycloaddition reactions to afford triazoles 1018 and 1019.

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#### Synthesis of azide 85

Known aryl iodide 83 (Gravestock, M.B., International Patent Application WO9910342) (1.00 g, 2.52 mmol) was dissolved in 6 mL DMF. 4-Hydroxymethyl-phenylboronic acid (0.461 g, 3.03 mmol) was added, followed by potassium phosphate (K<sub>3</sub>PO<sub>4</sub>, 0.804 g, 3.79 mmol) and Pd(PPh<sub>3</sub>)<sub>4</sub> (0.292 g, 0.253 mmol). The mixture was degassed by evacuating the air from the flask, and refilling with argon (3 times), and then heated to 100°C for 4 hours. The mixture was allowed to cool and was then partitioned between ethyl acetate and water. The aqueous phase was extracted with ethyl acetate, and the combined organic phase was washed with brine, dried over MgSO<sub>4</sub>, and evaporated. The residue was chromatographed on silica using a gradient mixture of methanol/methylene chloride (1% to 8%) to afford alcohol 84 (0.315 g, 0.838 mmol; 33%) as an ivory solid. An analytical sample was obtained by recrystallizing the material from methanol/methylene chloride/pentane. LCMS (ESI) m/z 377.

Alcohol 84 (0.889 g, 2.36 mmol) was suspended in 0.3 mL methylene chloride and 0.3 mL DMF. Triethylamine (0.66 mL, 4.74 mmol) was added, and the mixture was cooled to

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0°C. Methancsulfonyl chloride (0.260 mL, 3.36 mmol) was added dropwise, and the mixture was stirred for 25 minutes. The mixture was then partitioned with ethyl acetate and water, and the organic layer was washed with brine, dried over MgSO<sub>4</sub>, and evaporated. The residue was dissolved in 3 mL DMF, and sodium azide (0.384 g, 5.91 mmol) was added. The mixture was heated to 70°C for 4 hours. The reaction mixture was partitioned with ethyl acetate and water, and the organic layer was washed with brine, dried over MgSO<sub>4</sub>, and evaporated. The residue was chromatographed on silica using a gradient mixture of methanol/methylene chloride (1% to 4%) to afford azide 85 (0.480 g, 1.20 mmol; 51%) as a tan solid. LCMS (ESI) m/z 402.

#### Synthesis of triazole 1018

Azide 85 (0.084 g, 0.209 mmol) was dissolved in 0.7 mL THF and propargyl alcohol (25 μL, 0.400 mmol) was added, followed by Hunig's base (73 μL, 0.400 mmol) and copper(I) iodide (0.040 g, 0.210 mmol). The mixture was allowed to stir overnight at room temperature, and then was placed in a -20°C freezer for 2 days. The mixture was then partitioned with ethyl acetate and water, and the aqueous layer was extracted with ethyl acetate and then 2%methanol/methylene chloride. The combined organic layer was washed with brine, dried over MgSO<sub>4</sub> and evaporated. The residue was chromatographed on silica using a gradient mixture of methanol/methylene chloride (1% to 8%) to afford triazole 1018 (0.060 g, 0.131 mmol; 63%) as an ivory solid. LCMS (ESI) *m/z* 458.

#### Synthesis of triazole 1019

Azide 85 (0.135 g, 0.337 mmol) was dissolved in 1.5 mL THF and dimethyl-prop-2-ynyl-amine (72  $\mu$ L, 0.674 mmol) was added, followed by *i*-Pr<sub>2</sub>NEt (117  $\mu$ L, 0.674 mmol) and copper(I)iodide (0.064 g, 0.337 mmol). The mixture was allowed to stir overnight at room temperature (the solvents evaporated overnight with positive pressure from argon gas). The residue was suspended in ethyl acetate and methylene chloride and filtered through celite. The pad of celite was washed with ethyl acetate and methylene chloride, and the combined organic washes were evaporated. The residue was chromatographed on silica using a gradient mixture of methanol/methylene chloride (0% to 14%) and the product obtained was triturated with methylene chloride and pentane. The tan solid was collected to afford triazole 1019 (0.072 g, 0.149 mmol; 44%). LCMS (ESI) m/z 485.

# Example 8 - Synthesis of Compounds 1020-1021

Scheme 8 illustrates the synthesis of compounds 1020-1021. Bromoketone 86 was subjected to alkylation with thioureas 87a and 87b to afford thiazoles 88a and 88b respectively. Coupling of 88a and 88b with boronate 81 yielded thiazoles 1020 and 1021.

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### Synthesis of thiazole 88a

Bromoketone 86 (0.29 g, 1.0 mmol) was dissolved in dioxane (10 mL). Thiourea 87a (0.19 g, 1.2 mmol) and potassium carbonate (0.28 g, 2 mmol) were added sequentially and the resulting slurry stirred at  $50^{\circ}$ C for 4 h. The mixture was cooled to room temperature, diluted with 100 mL CH<sub>2</sub>Cl<sub>2</sub>, and washed with sat. aq. NaHCO<sub>3</sub>, and brine. The aqueous washes were back-extracted with CH<sub>2</sub>Cl<sub>2</sub> (2 x 50 mL). The combined organic extracts were dried over K<sub>2</sub>CO<sub>3</sub>, filtered and concentrated *in vacuo* to afford 88a as a yellow solid (0.32 g) which was used without further purification. LCMS (ESI) m/z 353 (M + H)<sup>+</sup>.

### 15 Synthesis of thiazole 1020

The crude aryl bromide **88a** obtained above (0.20 g, 0.56 mmol), boronate ester **81** (0.25 g, 0.66 mmol), and  $K_2CO_3$  (0.14 g, 1.0 mmol) were combined with a 1:1:1 mixture of toluene, ethanol and water (2 mL each). The slurry was degassed by alternately applying high vacuum to the reaction mixture and flushing with dry argon. The reaction vessel was then sealed and heated in an 80°C oil bath for 14 h. The reaction mixture was cooled to room temperature, diluted with 100 mL 9:1  $CH_2Cl_2/MeOH$ , and washed with water and brine (50 mL each). The aqueous washes were back-extracted once with 50 mL 9:1  $CH_2Cl_2/MeOH$ . The combined organic extracts were dried on  $K_2CO_3$ , filtered, and concentrated *in vacuo* to afford 0.48 g of a brown solid which was purified by silica gel chromatography (25mm x 6" column eluted with 7:3 acetone/hexane) to yield **1020** as an off-white solid (0.17 g, 0.32 mmol). LCMS (ESI) m/z 525 (M + H)<sup>+</sup>.

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### Synthesis of thiazole 1021

Compound 21 was synthesized according to the procedure described above for 1020, using thiourea 88b in place of 88a. The reaction yielded 1021 as a white solid (0.12 g, 0.21 mmol). LCMS (ESI) m/z 561 (M + H)<sup>+</sup>.

# 5 Example 9 - Synthesis of Compounds 1022-1025

Scheme 9 illustrates the synthesis of compounds 1022-1025. Azetidine 89 was deprotected and alkylated with chloride 90 to afford amide 91. The amide of 91 was dehydrated with trifluoroacetic anhydride to produce nitrile 1022. The alkylation of 1,2,3-triazole with benzyl chloride 90 gave triazole 1023. Similarly, the alkylation of 5-aminotetrazole with benzyl chloride 90 yielded a mixture of tetrazole 1024 and tetrazole 1025. Scheme 9

# Synthesis of chloride 90

N-[3-(2-fluoro-4'-hydroxymethyl-biphenyl-4-yl)-2-oxo-oxazolidin-5-ylmethyl]-acetamide **51** (3.0 g, 8.4 mmol) 51 was dissolved in CH<sub>2</sub>Cl<sub>2</sub> (20 mL) and Hunig's base (2 mL). Methanesulfonyl chloride (1.4 mL, 12.6 mmol) was added dropwise and the resulting solution stirred at room temperature for 4 h. The mixture was poured into 100 mL sat. aqueous NaHCO<sub>3</sub> and extracted with CH<sub>2</sub>Cl<sub>2</sub> (3 x 50 mL). The combined organic extracts were washed with brine, dried over MgSO<sub>4</sub>, filtered, and concentrated to give 3.9 g of an oily yellow solid. The crude material was purified by silica gel chromatography to give chloride **90** as an offwhite solid (2.7 g, 7.2 mmol). LCMS (ESI) m/z 377 (M + H)<sup>+</sup>, 418 (M + CH<sub>3</sub>CN + H)<sup>+</sup>, 440 (M + CH<sub>3</sub>CN + Na)<sup>+</sup>.

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# Synthesis of amide 91

A solution of 89 (*J. Med. Chem.* 1993, 36, 801) (33 mg, 0.17 mmol) in CH<sub>2</sub>Cl<sub>2</sub> (1.0 mL) was treated with 4.0 M HCl-dioxane (0.2 mL) and stirred at 23°C for 2 h. The reaction mixture was evaporated and the residue dissolved in DMF (1.0 mL) and treated with benzyl chloride 90 (63 mg, 0.17 mmol) and Hunig's base (0.17 mL, 1.0 mmol) and stirred at 60°C for 2 h. The reaction mixture was cooled to 23°C, diluted with H<sub>2</sub>O (10 mL) and extracted with CH<sub>2</sub>Cl<sub>2</sub> (4 × 25 mL), dried (Na<sub>2</sub>SO<sub>4</sub>) and evaporated. The crude residue was purified by preparative TLC (1% NH<sub>4</sub>OH-10% MeOH-89% CH<sub>2</sub>Cl<sub>2</sub>) to afford 91 (36 mg; 50%) as a tan powder. LCMS (ESI) *m/z* 441.1 (M + H)<sup>+</sup>.

# 10 Synthesis of nitrile 1022

A solution of 91 (26 mg, 0.06 mmol) in  $CH_2Cl_2$  (1.0 mL) was treated with pyridine (0.02 mL, 0.2 mmol) and trifluoroacetic anhydride (0.035 mL, 0.21 mmol) and stirred at 0°C for 1 h. The reaction mixture was directly purified by preparative TLC (1% NH<sub>4</sub>OH–10% MeOH–89%  $CH_2Cl_2$ ) to afford 1022 (6.0 mg; 24%) as a tan powder. LCMS (ESI) m/z 423.1 (M + H)<sup>+</sup>.

### Synthesis of triazole 1023

A solution of 90 (0.19 g, 0.50 mmol) in DMF (2.0 mL) was treated with 1,2,3-triazole (0.058 mL, 1.0 mmol) and cesium carbonate (Cs<sub>2</sub>CO<sub>3</sub>, 0.33 g, 1.0 mmol) and stirred at 23°C for 16 h. The reaction mixture was diluted with  $H_2O$  (100 mL) and the resulting precipitate was isolated by filtration and purified by preparative TLC (10% MeOH-45% CH<sub>2</sub>Cl<sub>2</sub>-45% EtOAc) to afford 1023 (39 mg; 19%) as a white powder. LCMS (ESI) m/z 473.2 (M + CH<sub>3</sub>CN + Na)<sup>+</sup>.

#### Synthesis of tetrazoles 1024 and 1025

A solution of **90** (0.19 g, 0.50 mmol) in DMF (2.0 mL) was treated with 5-aminotetrazole (87 mg, 1.0 mmol) and Cs<sub>2</sub>CO<sub>3</sub> (0.33 g, 1.0 mmol) and stirred at 23°C for 12 h. The reaction mixture was diluted with H<sub>2</sub>O (100 mL) and the resulting precipitate was isolated by filtration and suspended in 50 mL of a 1:1 mixture of CH<sub>2</sub>Cl<sub>2</sub> and MeOH. The insoluble material (55 mg; 26%) was isolated by filtration and assigned the structure of **1024**. LCMS (ESI) *m/z* 426.1 (M + H)<sup>+</sup>. The soluble material was isolated by evaporation and purified by preparative TLC (1%NH<sub>4</sub>OH–10% MeOH–89% CH<sub>2</sub>Cl<sub>2</sub>) to afford a white powder assigned the structure of **1025** (39 mg; 19%). LCMS (ESI) *m/z* 489.2 (M + CH<sub>3</sub>CN + Na)<sup>+</sup>.

# Example 10 - Synthesis of Compounds 1026 and 1027

Scheme 10 illustrates the synthesis of compounds 1026 and 1027. Azide 53 was converted to triazole 1026, which was then subsequently cyclized to compound 1027.

#### Scheme 10

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# Synthesis of triazole 1026

A solution of azide 53 (383 mg, 1.0 mmol) in ethanol (4.0 mL) was treated with cyanoacetamide (101 mg, 1.2 mmol) and a solution of sodium ethoxide (21% wt solution in ethanol, 648 mg, 0.75 mL) at room temperature under  $N_2$ . The resulting reaction mixture was stirred for 10 min at room temperature before being warmed up to reflux for 2 h. When TLC showed that the reaction was complete, the reaction mixture was cooled down to room temperature before being treated with  $H_2O$  (10 mL). The white precipitate was then collected by filtration, washed with  $H_2O$  (2 x 10 mL), and dried *in vacuo* to afford the desired triazole 1026 (312 mg; 67%) as an off-white powder, which was of sufficient purity to be used directly in subsequent reactions. LCMS (ESI) m/z 468 (M + H)<sup>+</sup>.

#### Synthesis of compound 1027

A suspension of **1026** (165 mg, 0.353 mmol) in anhydrous THF (5 mL) was treated with *p*-toluenesulfonic acid monohydrate (34.2 mg, 0.18 mmol) and trimethyl orthoformate (374 mg, 0.386 mL, 3.53 mmol) at 25°C under N<sub>2</sub>, and the resulting mixture was warmed up to reflux for 2 h. The solvents were removed *in vacuo*, and the residue was directly purified by column chromatography (5–10% MeOH/CH<sub>2</sub>Cl<sub>2</sub> gradient elution) to afford the desired compound **1027** (42 mg; 25%) as a white powder. LCMS (ESI) *m/z* 478 (M + H)<sup>+</sup>.

# Example 11 - Synthesis of Triazole 1028

A suspension of azide 53 (124 mg, 0.324 mmol) in anhydrous 1,4-dioxane (5.0 mL) was treated with propargyl alcohol (182 mg, 0.19 mL, 3.24 mmol) at 25°C, and the resulting reaction mixture was warmed up to reflux for 12 h. When TLC and LCMS showed the reaction was complete, the reaction mixture was concentrated *in vacuo*, and the residue was directly purified by column chromatography (0–5% MeOH/CH<sub>2</sub>Cl<sub>2</sub> gradient elution) to afford triazole 1028 (93.9 mg; 66%) as a pale-yellow solid. LCMS (ESI) m/z 440 (M + H)<sup>+</sup>.

# Example 12 - Synthesis of Piperazine 1029 and Piperidine 1030

Scheme 11 illustrates the reductive amination chemistry used to synthesize **1029** and **1030**.

#### Scheme 11

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#### Synthesis of piperazine 1029

A solution of aldehyde **92** (made from iodide **50** and 4-formylboronic acid in the same fashion as *N*-[3-(2-fluoro-4'-hydroxymethyl-biphenyl-4-yl)-2-oxo-oxazolidin-5-ylmethyl]-acetamide in Example 1) (180 mg, 0.5 mmol) and 2-piperidin-4-yl-ethanol (65 mg, 0.065 mL, 0.5 mmol) in anhydrous THF (4.0 mL) and anhydrous DMF (1.0 mL) was treated with sodium triacetoxyborohydride (160 mg, 0.75 mmol) at 25°C, and the resulting mixture was stirred at 25°C for 12 h. When TLC and LCMS showed the reductive amination reaction was complete, the reaction mixture was concentrated *in vacuo*. The residue was directly purified by flash column chromatography (0–5% MeOH-CH<sub>2</sub>Cl<sub>2</sub> gradient elution) to afford piperazine **1029** (306 mg; 65%) as a colorless oil, which solidified upon standing at room temperature *in vacuo*. LCMS (ESI) *m*/*z* 471 (M + H)<sup>+</sup>.

# Synthesis of piperidine 1030

A solution of aldehyde 92 (356 mg, 1.0 mmol) and 2-piperazin-1-yl-ethanol (130 mg, 0.123 mL, 1.0 mmol) in anhydrous THF (8.0 mL) and anhydrous DMF (1.6 mL) was treated with sodium triacetoxyborohydride (NaB(OAc)<sub>3</sub>H, 318 mg, 1.5 mmol) at 25°C, and the resulting mixture was stirred at 25°C for 12 h. When TLC and LCMS showed the reductive amination reaction was complete, the reaction mixture was concentrated *in vacuo*. The residue was directly purified by flash column chromatography (0–5% MeOH-CH<sub>2</sub>Cl<sub>2</sub> gradient elution) to afford piperidine 1030 (169 mg; 72%) as a colorless oil, which solidified upon standing at room temperature *in vacuo*. LCMS (ESI) *m/z* 470 (M + H)<sup>+</sup>.

# 10 Example 13 - Synthesis of Imidazole 1031

Scheme 12 depicts the synthesis of tetrazole derivative 1031. D-p-Hydroxyphenyl-glycine was converted to triflate 95, which was subsequently coupled to boronate 81 to afford alcohol 96. Mesylation of 96, followed by displacement with the anion of imidazole and deprotection of the BOC group yielded imidazole derivative 1031.

#### 15 Scheme 12

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#### Synthesis of triflate 95

A solution of D-p-hydroxyphenylglycine (23.8 g, 142.3 mmol) and potassium carbonate (39.3 g, 284.6 mmol) in THF (200 mL) and H<sub>2</sub>O (200 mL) was treated with di-tert-butyl dicarbonate (BOC<sub>2</sub>O, 34.14 g, 156.6 mmol) at 25°C, and the resulting reaction mixture was stirred at 25°C for 2 h. When TLC and LCMS showed that the reaction was complete, the reaction mixture was treated with ethyl acetate (200 mL) and H<sub>2</sub>O (200 mL). The two layers were separated, and the aqueous solution was extracted with ethyl acetate (200 mL), and the

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combined organic extracts were discarded. The aqueous layer was then acidified with a 2 N HCl aqueous solution to pH 4 before being extracted with ethyl acetate (2 x 200 mL). The combined organic extracts were then washed with water (2 x 100 mL) and saturated aqueous NaCl solution (100 mL), dried over MgSO<sub>4</sub>, and concentrated *in vacuo*. The residual white solids were further dried *in vacuo* to afford the crude desired acid 93 (36.5 g; 96%), which was of suitable purity for use in subsequent reactions.

A solution of acid 93 (4.005 g, 15 mmol) in anhydrous THF (20 mL) was treated dropwise with a 1 M solution of BH<sub>3</sub>-THF in THF (30 mL, 30 mmol) at 0–5°C, and the resulting reaction mixture was stirred at 0–5°C for an additional 2 h. When TLC and LCMS showed that the reduction reaction was complete, the reaction mixture was treated with water (50 mL) and ethyl acetate (50 mL). The mixture was then stirred at 25°C for 30 min before being separated, and the aqueous layer was extracted with ethyl acetate (2 x 50 mL). The combined organic extracts were then washed with water (2 x 20 mL) and saturated aqueous NaCl solution (20 mL), dried over MgSO<sub>4</sub>, and concentrated *in vacuo*. The residue was then directly purified by flash column chromatography (0-5% MeOH-CH<sub>2</sub>Cl<sub>2</sub> gradient elution) to afford desired alcohol 94 (2.50 g; 66%) as a white powder which was of suitable purity for use in subsequent reactions.

A suspension alcohol 94 (670 mg, 2.65 mmol) in CH<sub>2</sub>Cl<sub>2</sub> (10 mL) was treated with *N*-phenyltrifluoromethane sulfonamide (947 mg, 2.65 mmol) and triethylamine (535.3 mg, 0.74 mL, 5.3 mmol) at 25°C, and the resulting reaction mixture was stirred at 25°C for an additional 2 h. When TLC and LCMS showed that the reaction was complete, the reaction mixture was quenched with water (10 mL) and CH<sub>2</sub>Cl<sub>2</sub> (20 mL). The two layers were then separated, and the aqueous layer was extracted with CH<sub>2</sub>Cl<sub>2</sub> (2 x 20 mL). The combined organic extracts were then washed with water (2 x 10 mL) and saturated aqueous NaCl solution (10 mL), dried over MgSO<sub>4</sub>, and concentrated *in vacuo*. The residue was then directly purified by flash column chromatography (0-5% MeOH-CH<sub>2</sub>Cl<sub>2</sub> gradient elution) to afford triflate 95 (945 mg; 93%) as a white powder which was of suitable purity for use in subsequent reactions.

#### Synthesis of alcohol 96

A solution of boronate 81 (2.162 g, 5.72 mmol) and triflate 95 (1.70 g, 4.4 mmol) in toluene (24 mL) was treated with solid potassium carbonate (1.82 g, 13.2 mmol), ethanol (8.0 mL) and H<sub>2</sub>O (8.0 mL) at room temperature, and the resulting reaction mixture was degassed three times under a steady stream of argon before being treated with Pd(dppf)<sub>2</sub>Cl<sub>2</sub> (184 mg,

0.22 mmol) at room temperature. The reaction mixture was then degassed three times again under a steady stream of argon before being warmed up to reflux for 2 h. When TLC and LCMS showed that the reaction was complete, the reaction mixture was cooled down to room temperature before being treated with water (20 mL) and ethyl acetate (20 mL). The two layers were separated, and the aqueous layer was extracted with ethyl acetate (2 x 20 mL). The combined organic extracts were washed with water (2 x 20 mL) and saturated aqueous NaCl solution (20 mL), dried over MgSO<sub>4</sub>, and concentrated *in vacuo*. The residue was then purified by flash column chromatography (0-5% MeOH-CH<sub>2</sub>Cl<sub>2</sub> gradient elution) to afford (1-{4'-[5-(acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2'-fluoro-biphenyl-4-yl}-2-hydroxyethyl)carbamic acid *tert*-butyl ester 96 (1.543 g; 72%) as yellow oil, which solidified

# Synthesis of mesylate 97

upon standing at room temperature in vacuo.

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A suspension of alcohol 96 (694 mg, 1.43 mmol) in anhydrous CH<sub>2</sub>Cl<sub>2</sub> (10 mL) was treated with diisopropylethylamine (388 mg, 0.522 mL, 2.85 mmol) and methanesulfonyl chloride (196 mg, 0.132 mL, 1.71 mmol) at 0–5°C, and the resulting reaction mixture was stirred at 0–5°C for an additional 2 h. When TLC and LCMS showed that the reaction was complete, the reaction mixture was quenched with water (10 mL). The two layers were separated, and the aqueous layer was extracted with CH<sub>2</sub>Cl<sub>2</sub> (2 x 10 mL). The combined organic extracts were washed with water (2 x 10 mL) and saturated aqueous NaCl solution (10 mL), dried over MgSO<sub>4</sub>, and concentrated *in vacuo*. The residue was then purified by flash column chromatography (0-5% MeOH-CH<sub>2</sub>Cl<sub>2</sub> gradient elution) to afford mesylate 97 (647 mg; 80%) as a pale-yellow solid, which was of suitable purity for use in subsequent reactions.

#### Synthesis of imidazole 98

A solution of imidazole (41 mg, 0.6 mmol) in anhydrous THF (3 mL) was treated with NaH (60% oil dispersion, 29 mg, 0.72 mmol) at 0°C, and the resulting mixture was stirred at 0-5°C for 30 min before a solution of mesylate 97 (170 mg, 0.3 mmol) in anhydrous DMF (3.0 mL) was added. The resulting reaction mixture was then stirred at 0-5°C for 30 min before being gradually warmed up to room temperature for 12 h. When TLC and LCMS showed that the reaction was complete, the solvents were removed *in vacuo*, and the residue was directly purified by flash column chromatography (0-5% MeOH-CH<sub>2</sub>Cl<sub>2</sub> gradient elution) to afford imidazole 98 (46 mg; 29%) as a yellow solid.

# Synthesis of imidazole 1031

A solution of imidazole 98 (23 mg, 0.043 mmol) in MeOH (1.0 mL) was treated with a solution of 4 N HCl in 1,4-dioxane (3.0 mL), and the resulting reaction mixture was stirred at room temperature for 30 min. When TLC and LCMS showed that the reaction was complete, the solvents were removed *in vacuo*, and the desired N-{3-[4'-(1-amino-2-imidazol-1-yl-ethyl)-2-fluoro-biphenyl-4-yl]-2-oxo-oxazolidin-5-ylmethyl} acetamide hydrochloride 1031 (18.8 mg; 100%) was obtained as a yellow solid. LCMS (ESI) m/z 438 (M + H)<sup>+</sup>.

### Example 14 - Synthesis of tetrazoles 1032-1034

Scheme 13 depicts the synthesis of tetrazole derivatives 1032-1034. Iodide 99 was converted to boronate 100 which served as the coupling partner for bromide 101 to afford tetrazole 102. Deprotection of 102 afforded tetrazole amine 1032, which was subsequently acylated to afford tetrazole 1033 and 1034.

#### Scheme 13

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#### 15 Synthesis of iodide 99

A solution of known 5-aminomethyl-3-(3-fluoro-4-iodo-phenyl)-oxazolidin-2-one (2.02 g, 6.0 mmol; see U.S. Patent Nos. 5,523,403 and 5,565,571) and potassium carbonate (1.66 g, 12.0 mmol) in THF (20 mL) and H<sub>2</sub>O (20 mL) was treated with BOC<sub>2</sub>O (1.334 g, 6.12 mmol) at 25°C, and the resulting reaction mixture was stirred at 25°C for 2 h. When TLC and LCMS showed the reaction was complete, the reaction mixture was treated with ethyl acetate (20 mL) and H<sub>2</sub>O (20 mL). The two layers were separated, and the aqueous solution was extracted with ethyl acetate (20 mL), and the combined organic extracts were then washed with water (2 x 10 mL) and saturated aqueous NaCl solution (10 mL), dried over MgSO<sub>4</sub>, and concentrated in

vacuo. The residual white solids were further dried in vacuo to afford the crude, desired iodide '99 (2.40 g; 92%), which was of suitable purity for use in subsequent reactions.

# Synthesis of boronate 100

A solution of iodide 99 (1.11 g, 2.55 mmol) in 1,4-dioxane (25 mL) was treated with 4,4,5,5-tetramethyl-[1,3,2]dioxaborolane (489 mg, 0.56 mL, 3.82 mmol) and triethylamine (772 mg, 1.07 mL, 7.65 mmol) at room temperature, and the resulting reaction mixture was degassed three times under a steady stream of argon before being treated with Pd(dppf)<sub>2</sub>Cl<sub>2</sub> (107 mg, 0.13 mmol) at room temperature. The reaction mixture was then degassed three times again under a steady stream of argon before being warmed up to reflux for 6 h. When TLC and LCMS showed that the reaction was complete, the reaction mixture was cooled down to room temperature before being treated with water (20 mL) and ethyl acetate (20 mL). The two layers were separated, and the aqueous layer was extracted with ethyl acetate (2 x 20 mL). The combined organic extracts were washed with water (2 x 20 mL) and saturated aqueous NaCl solution (20 mL), dried over MgSO<sub>4</sub>, and concentrated *in vacuo*. The residual brown oil was then purified by flash column chromatography (10-30% EtOAc-hexanes gradient elution) to afford boronate 100 (646 mg; 58%) as a brown oil, which solidified upon standing at room temperature *in vacuo* and was of suitable purity for use in subsequent reactions.

#### Synthesis of bromide 101

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A solution of 4-bromobenzylamine hydrochloride (2.22 g, 10.0 mmol) in acetic acid (30 mL) was treated with triethyl orthoformate (2.964 g, 3.29 mL, 20.0 mmol) and sodium azide (2.30 g, 20.0 mmol) at room temperature, and the resulting reaction mixture was subsequently stirred at reflux for 12 h. When TLC and LCMS showed that the reaction was complete, the reaction mixture was cooled down to room temperature, and the cooled reaction mixture was poured into ice-water (100 mL). The precipitate was then collected by filtration, washed with water (2 x 20 mL), and dried *in vacuo* to afford crude bromide 101 (460 mg; 19%) as a white solid, which was of suitable purity for use in subsequent reactions.

#### Synthesis of tetrazole 102

A solution of boronate 100 (658 mg, 1.5 mmol) and bromide 101 (300 mg, 1.25 mmol) in toluene (9.0 mL) was treated with solid potassium carbonate (621 mg, 4.5 mmol), ethanol (3.0 mL) and H<sub>2</sub>O (3.0 mL) at room temperature, and the resulting reaction mixture was degassed three times under a steady stream of argon before being treated with Pd(dppf)<sub>2</sub>Cl<sub>2</sub>

(52.3 mg, 0.063 mmol) at room temperature. The reaction mixture was then degassed three times again under a steady stream of argon before being warmed up to reflux for 3 h. When TLC and LCMS showed that the reaction was complete, the reaction mixture was cooled down to room temperature before being treated with water (10 mL) and ethyl acetate (20 mL). The two layers were separated, and the aqueous layer was extracted with ethyl acetate (2 x 10 mL). The combined organic extracts were washed with water (2 x 5 mL) and saturated aqueous NaCl solution (5 mL), dried over MgSO<sub>4</sub>, and concentrated *in vacuo*. The residue was then purified by flash column chromatography (0-5% MeOH-CH<sub>2</sub>Cl<sub>2</sub> gradient elution) to afford tetrazole 102 (357 mg; 61%) as a yellow oil, which solidified upon standing at room temperature *in vacuo*.

# Synthesis of tetrazole 1032

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A solution of tetrazole 102 (350 mg, 0.748 mmol) in EtOAc (5.0 mL) was treated with a solution of 4 N HCl in 1,4-dioxane (5.0 mL), and the resulting reaction mixture was stirred at room temperature for 30 min. When TLC and LCMS showed that the reaction was complete, the solvents were removed *in vacuo*, and the residue was treated with an aqueous sodium bicarbonate solution (10 mL) and EtOAc (15 mL). The mixture was stirred at room temperature for 30 min before the two layers were separated. The aqueous layer was extracted with EtOAc (10 mL), and the combined organic extracts were washed with H<sub>2</sub>O (10 mL) and saturated aqueous NaCl solution (10 mL), dried over MgSO<sub>4</sub>, and concentrated *in vacuo* to afford tetrazole amine 1032 (266 mg; 97%) as a pale-yellow solid. LCMS (ESI) *m/z* 369 (M + H)<sup>+</sup>.

#### Synthesis of tetrazole 1033

A suspension of tetrazole amine 1032 (74 mg, 0.2 mmol) in anhydrous  $CH_2Cl_2$  (5.0 mL) was treated with diisopropylethylamine (52 mg, 0.07 mL, 0.4 mmol) and chloroacetyl chloride (34 mg, 0.024 mL, 0.3 mmol) at 0–5°C, and the resulting reaction mixture was stirred at 0-5°C for 2 h. When TLC and LCMS showed the reaction was complete, the reaction mixture was concentrated *in vacuo*. The residue was directly purified by flash column chromatography (0-5% MeOH-CH<sub>2</sub>Cl<sub>2</sub> gradient elution) to afford tetrazole 1033 (43 mg; 48% yield) as a white solid. LCMS (ESI) m/z 445 (M + H)<sup>+</sup>.

# Synthesis of tetrazole 1034

A suspension of tetrazole amine 1032 (74 mg, 0.2 mmol) in anhydrous CH<sub>2</sub>Cl<sub>2</sub> (5.0 mL) was treated with diisopropylethylamine (52 mg, 0.07 mL, 0.4 mmol) and dichloroacetyl chloride (44 mg, 0.029 mL, 0.3 mmol) at 0–5°C, and the resulting reaction mixture was stirred at 0-5°C for 2 h. When TLC and LCMS showed the reaction was complete, the reaction mixture was concentrated *in vacuo*. The residue was directly purified by flash column chromatography (0-5% MeOH-CH<sub>2</sub>Cl<sub>2</sub> gradient elution) to afford tetrazole 1034 (41 mg; 43% yield) as a white solid. LCMS (ESI) *m/z* 479 (M + H)<sup>+</sup>.

# Example 15 - Synthesis of compounds 1035 and 1036

Scheme 14 depicts the synthesis of tetrazole derivatives 1035 and 1036. Aldehyde 103 was reduced to 104 which was coupled to boronate 81 to yield alcohol 105. Mesylation of 105, followed by displacement with sodium azide, yielded azide 107. Reduction of 107 to amine 108 was followed by conversion to tetrazole 1035. Cycloaddition of azide 107 with trimethylsilylacetylene, followed by desilylation, afforded triazole 1036.

#### 15 Scheme 14

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# Synthesis of aldehyde 103

A solution of 2,5-dibromopyridine (25 g, 105.5 mmol) in toluene (1.24 L) was cooled down to -78°C before being treated dropwise with a 2.5 M solution of *n*-BuLi in hexane (50.6 mL, 126.6 mmol) at -78°C under N<sub>2</sub>. The resulting reaction mixture was stirred at -78°C for 1 h before being treated with anhydrous DMF (11.6 g, 12.2 mL, 158.0 mmol) at -78°C. The reaction mixture was stirred at -78°C for an additional 1 h before being gradually warmed up to room temperature for 6 h. When TLC and LCMS showed that the reaction was complete, the